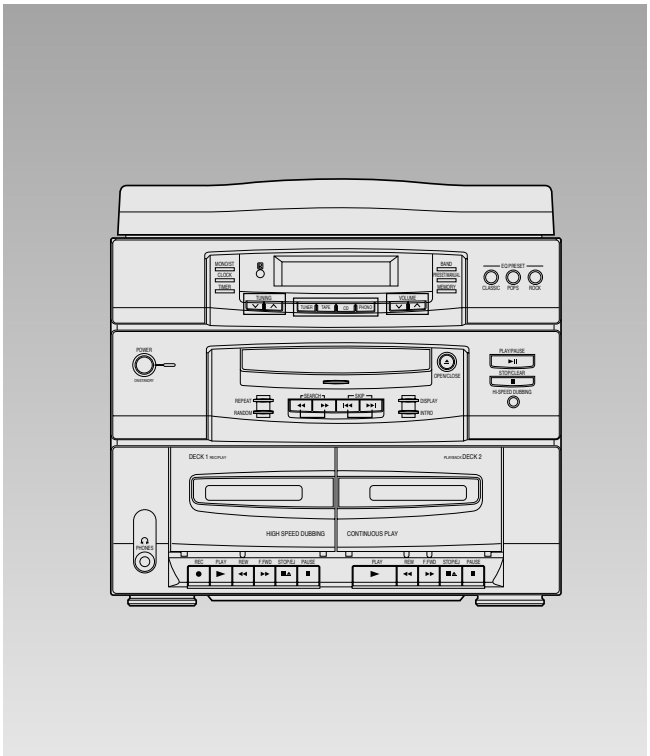
SAMSUNG

MUSIC CENTER

SCM-7270

SERVICE Manual

MUSIC CENTER



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Code no. AH68-20169A

1. Precautions

Follow these safety, servicing and ESD precautions to prevent damage and protect against potential hazards such as electrical shock and X-rays.

1-1 Safety Precautions

1. Be sure that all of the built-in protective devices are replaced.

2. When reinstalling the chassis and its assemblies, be sure to restore all protective devices, including control knobs and compartment covers.

3. Make sure that there are no cabinet openings through which people--particularly children--might insert fingers and contact dangerous voltages. Such openings include the spacing between the picture tube and the cabinet mask, excessively wide cabinet ventilation slots, and improperly fitted back covers.

4. Design Alteration Warning:
   Never alter or add to the mechanical or electrical design of the unit. Example: Do not add auxiliary audio or video connectors. Such alterations might create a safety hazard. Also, any design changes or additions will void the manufacturer's warranty.

5. Leakage Current Hot Check (Figure 1-1):
   Warning: Do not use an isolation transformer during this test. Use a leakage-current tester or a metering system that complies with American National Standards Institute (ANSI C101.1, *Leakage Current for Appliances*), and Underwriters Laboratories (*UL Publication UL1410, 59.7*).

   With the unit completely reassembled, plug the AC line cord directly into a 120V AC outlet. With the unit's AC switch first in the ON position and then OFF, measure the current between a known earth ground (metal water pipe, etc.) and all exposed metal parts. Examples: Handle brackets, metal cabinets, screwheads and control shafts. The current measured should not exceed 0.5 milliamp. Reverse the power-plug prongs in the AC outlet and repeat.

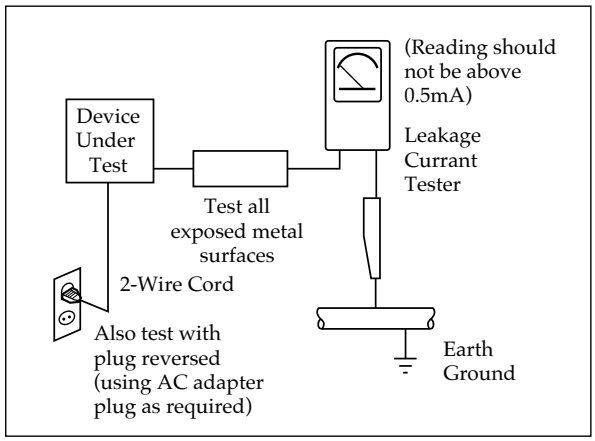

(Reading should not be above 0.5mA)
Device Under Test
Leakage Currant Tester
Test all exposed metal surfaces
2-Wire Cord
Also test with plug reversed (using AC adapter plug as required)
Earth Ground

Fig. 1-1 AC Leakage Test

6. Insulation Resistance Cold Check:
   (1) With the unit's AC plug disconnected from the AC source, connect an electrical jumper across the two AC prongs. (2) Set the power switch to ON. (3) Measure the resistance between the shorted AC plug and any exposed metallic parts. Example: Screwheads, antenna, control shafts or handle brackets.

   If any of the exposed metallic parts has a return path to the chassis, the measured resistance should be between 1 and 5.2 megohms. If there is no return path, the measured resistance should be "infinite." If the resistance is outside these limits, a shock hazard might exist. See Figure 1-2

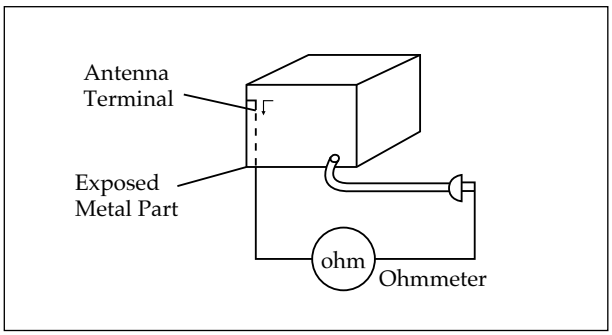


Fig. 1-2 Insulation Resistance Test

1-1 Safety Precautions (Continued)

7. Components, parts and wiring that appear to have overheated or that are otherwise damaged should be replaced with parts that meet the original specifications. Always determine the cause of damage or overheating, and correct any potential hazards

8. Observe the original lead dress, especially near the following areas: Antenna wiring, sharp edges, and especially the AC and high voltage power supplies. Always inspect for pinched, out-of-place, or frayed wiring. Do not change the spacing between components and the printed circuit board. Check the AC power cord for damage. Make sure that no wires or components touch thermally hot parts.

9. Product Safety Notice:
Some electrical and mechanical parts have special safety-related characteristics which might not be obvious from visual inspection. These safety features and the protection they give might be lost if the replacement component differs from the original--even if the replacement is rated for higher voltage, wattage, etc.

10 Components that are critical for safety are indicated in the circuit diagram by shading, ⚠ or ⚠ . Use replacement components that have the same ratings, especially for flame resistance and dielectric strength specifications. A replacement part that does not have the same safety characteristics as the original might create shock, fire or other hazards.

1-2 Servicing Precautions

Warning1: First read the "Safety Precautions" section of this manual. If some unforeseen circumstance creates a conflict between the servicing and safety precautions, always follow the safety precautions.

1. Servicing precautions are printed on the cabinet. Follow them.

2. Always unplug the unit's AC power cord from the AC power source before attempting to: (a) Remove or reinstall any component or assembly, (b) Disconnect an electrical plug or connector, (c) Connect a test component in parallel with an electrolytic capacitor.

3. Some components are raised above the printed circuit board for safety. An insulation tube or tape is sometimes used. The internal wiring may be clamped to prevent contact with thermally hot components. Reinstall all such elements to their original position.

4. After servicing, always check that the screws, components and wiring have been correctly reinstalled. Make sure that the portion around the serviced part has not been damaged.

5. Check the insulation between the blades of the AC plug and accessible conductive parts (examples: metal panels, input terminals and earphone jacks).

6. Insulation Checking Procedure: Disconnect the power cord from the AC source and turn the power switch ON. Connect an insulation resistance meter (500V) to the blades of the AC plug.

   The insulation resistance between each blade of the AC plug and accessible conductive parts (see above) should be greater than 1 megohm.

7. Never defeat any of the B+ voltage interlocks. Do not apply AC power to the unit (or any of its assemblies) unless all solid-state heat sinks are correctly installed.

8. Always connect a test instrument's ground lead to the instrument chassis ground *before* connecting the positive lead; always remove the instrument's ground lead last.

1-3 Precautions for Electrostatically Sensitive Devices (ESDs)

1. Some semiconductor ("solid state") devices are easily damaged by static electricity. Such components are called Electrostatically Sensitive Devices (ESDs). Examples include integrated circuits and some field-effect transistors. The following techniques will reduce the occurrence of component damage caused by static electricity.

2. Immediately before handling any semiconductor components or assemblies, drain the electrostatic charge from your body by touching a known earth ground. Alternatively, wear a discharging wrist-strap device. (Be sure to remove it prior to applying power--this is an electric shock precaution.)

3. After removing an ESD-equipped assembly, place it on a conductive surface such as aluminum foil to prevent accumulation of electrostatic charge.

4. Do not use freon-propelled chemicals. These can generate electrical charges that damage ESDs.

5. Use only a grounded-tip soldering iron when soldering or unsoldering ESDs.

6. Use only an anti-static solder removal device. Many solder removal devices are not rated as "anti-static" (these can accumulate sufficient electrical charge to damage ESDs).

7. Do not remove a replacement ESD from its protective package until you are ready to install it. Most replacement ESDs are packaged with leads that are electrically shorted together by conductive foam, aluminum foil or other conductive materials.

8. Immediately before removing the protective material from the leads of a replacement ESD, touch the protective material to the chassis or circuit assembly into which the device will be installed.

9. Minimize body motions when handing unpackaged replacement ESDs. Motions such as brushing clothes together, or lifting a foot from a carpeted floor can generate enough static electricity to damage an ESD.

1-4 Special Precautions and Warning Labels for Laser Products

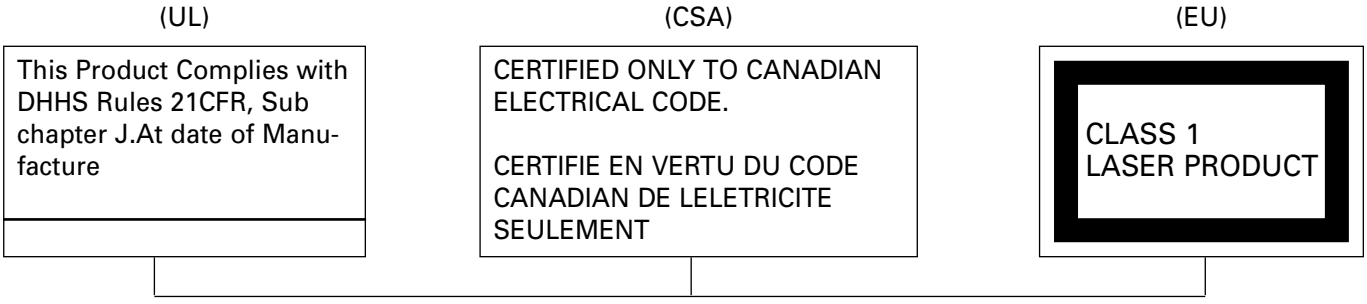

(UL)
This Product Complies with DHHS Rules 21CFR, Sub chapter J.At date of Manu-facture
(CSA)
CERTIFIED ONLY TO CANADIAN ELECTRICAL CODE.
CERTIFIE EN VERTU DU CODE CANADIAN DE LELETRICITE SEULEMENT
(EU)
CLASS 1
LASER PRODUCT

Fig. 1-3 Warning Labels (Location: Enclosure Block)

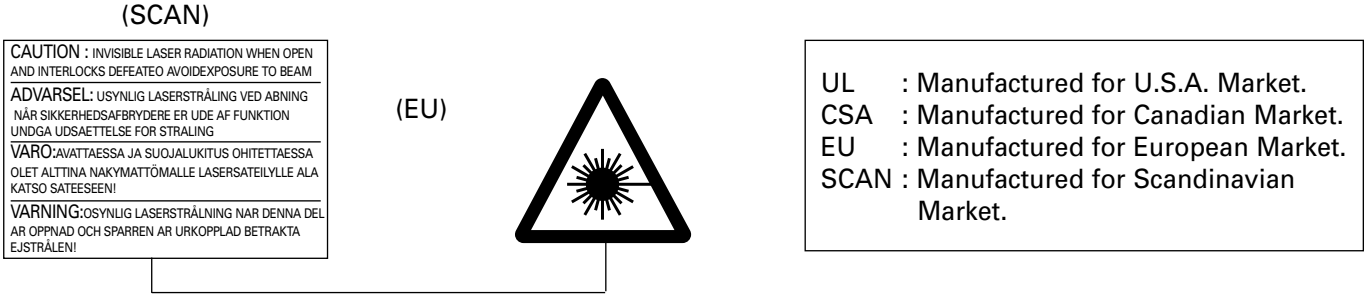

(SCAN)
CAUTION : INVISIBLE LASER RADIATION WHEN OPEN AND INTERLOCKS DEFEATEO AVOIDEXPOSURE TO BEAM
ADVARSEL: USYNLIG LASERSTRÅLING VED ABNING NÅR SIKKERHEDSAFBRYDERE ER UDE AF FUNKTION UNDGA UDSAETTELSE FOR STRALING
VARO:AVATTAESSA JA SUOJALUKITUS OHITETTAESSA OLET ALTTINA NAKYMATTÖMALLE LASERSATEILYLLE ALA KATSO SATEESEEN!
VARNING:OSYNLIG LASERSTRÅLNING NAR DENNA DEL AR OPPNAD OCH SPARREN AR URKOPPLAD BETRAKTA EJSTRÅLEN!
(EU)
UL : Manufactured for U.S.A. Market.
CSA : Manufactured for Canadian Market.
EU : Manufactured for European Market.
SCAN : Manufactured for Scandinavian Market.

Fig. 1-4 Warning Labels (Location: Disc Clamper, Inner Side of Unit Door or Nearby Unit Chassis)

1-4 Special Precautions and Warning Labels for Laser Products (Continued)

1-4-1 Warnings

1. When servicing, do not approach the LASER exit with the eye too closely. In case it is necessary to confirm LASER beam emission, be sure to observe from a distance of more than 30 cm from the surface of the objective lens on the optical pick-up block.

2. Do not attempt to handle the objective lens when the DISC is not on the tray.

1-4-2 Laser Diode Specifications

Material: GaAs+ GaAlAs
Wavelength: 760-800 nm
Emission Duration: Continuous

Laser Output: 0.2 mw (measured at a 1.6 mm distance from the objective lens surface on the optical pick-up block.)

1-4-3 Handling the Optical Pick-up

1. Static electricity from clothing or the body may cause electrostatic breakdown of the laser diode in the Optical Pickup. Follow this procedure:

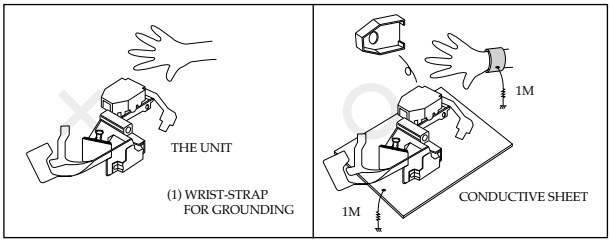
2. Place a conductive sheet on the work bench (i.e., the black sheet used for wrapping repair parts.) Note: The surface of the work bench should be covered by a copper ground plane, which is grounded.

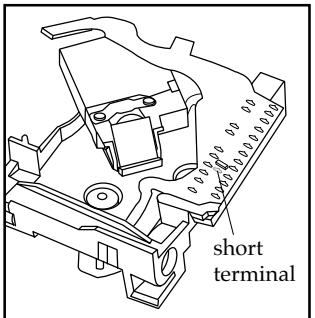
3. The repair technician must wear a wrist strap which is grounded to the copper sheet.

4. To remove the Optical Pickup block: Place the set on the conductive sheet, and momentarily touch the conductive sheet with both hands. (While working, do not allow any electrostatic sources--such as clothes--to touch the unit.)

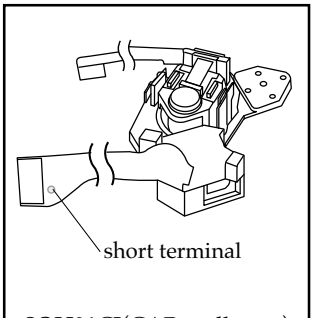
5. Ground the "Short Terminal" (located on the PCB, inside the Pickup Assembly) before replacing the Pickup. This terminal should be shorted whenever the Pickup Assembly is lifted or moved.

6. After replacing the Pickup, reopen the Short Terminal. See diagrams below:

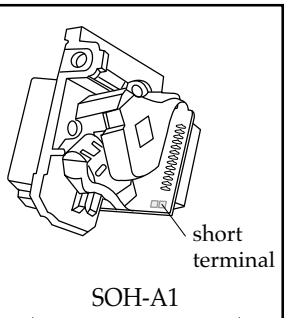




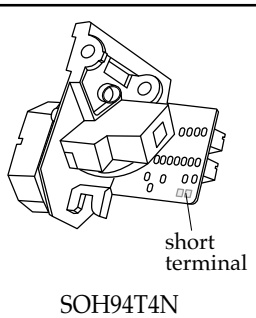
SOH91VI(LDP)



SOH91CI(CAR,walkman)



SOH-A1
(CMS-V10,CMS-V30)



SOH94T4N
(CMS-V10,CMS-V30)

2. Product Specfications

General		Power source Power consumption Dimensions (mm)	AC 230V 50HZ 62 W 350(W) x 328(H) x 316(D)
Amp		Power output Total harmonic distortion Frequency range Signal to noise ratio Channel separation Input sensitivity (PHONO)	10W 0.5% 50Hz ~ 17kHz 60 dB 45 dB 400mV
Tuner	FM	Frequency range Usable sensitivity Signal to noise ratio IF rejection ratio Total harmonic distoration Separation (Stereo)	87.5 ~ 108MHz 15 dB 55 dB 60 dB 1.5% 25 dB
	MW	Frequency range Usable sensitivity Signal to noise ratio IF rejection ratio Total harmonic distortion	522 ~ 1611KHz 54 dB 40 dB 30 dB 2%
	LW	Frequency range Usable sensitivity Signal to noise ratio	146 ~ 290KHz 60 dB 35 dB
Cassette		Frequency range WOW FLUTTER Erasing effect (W/Filter) Signal to noise ratio Total harmonic distortion	125Hz ~ 8KHz 0.35% 60 dB 40 dB 5%
Compact Disc		Frequency response Signal to noise ratio Channel separation Total harmonic distortion	100Hz ~ 10KHz(±1dB) 85 dB(1kHz 0dB) 75 dB(1kHz 0dB) 0.1%(1kHz 0dB)

* Specifications are subject to change without notice.

Remote Control Exploded View

3. Disassembly and Reassembly

3-1 Turn-Table, Cabinet-Front , Cabinet-Bottom

1. Remove Door-CD (Direction A).
2. Release 6 screws ①.
3. Remove Turn-Table (Direction B).
4. Release 2 screws ②.
5. Release 2 screws ③.
6. Remove Front-Cabinet.

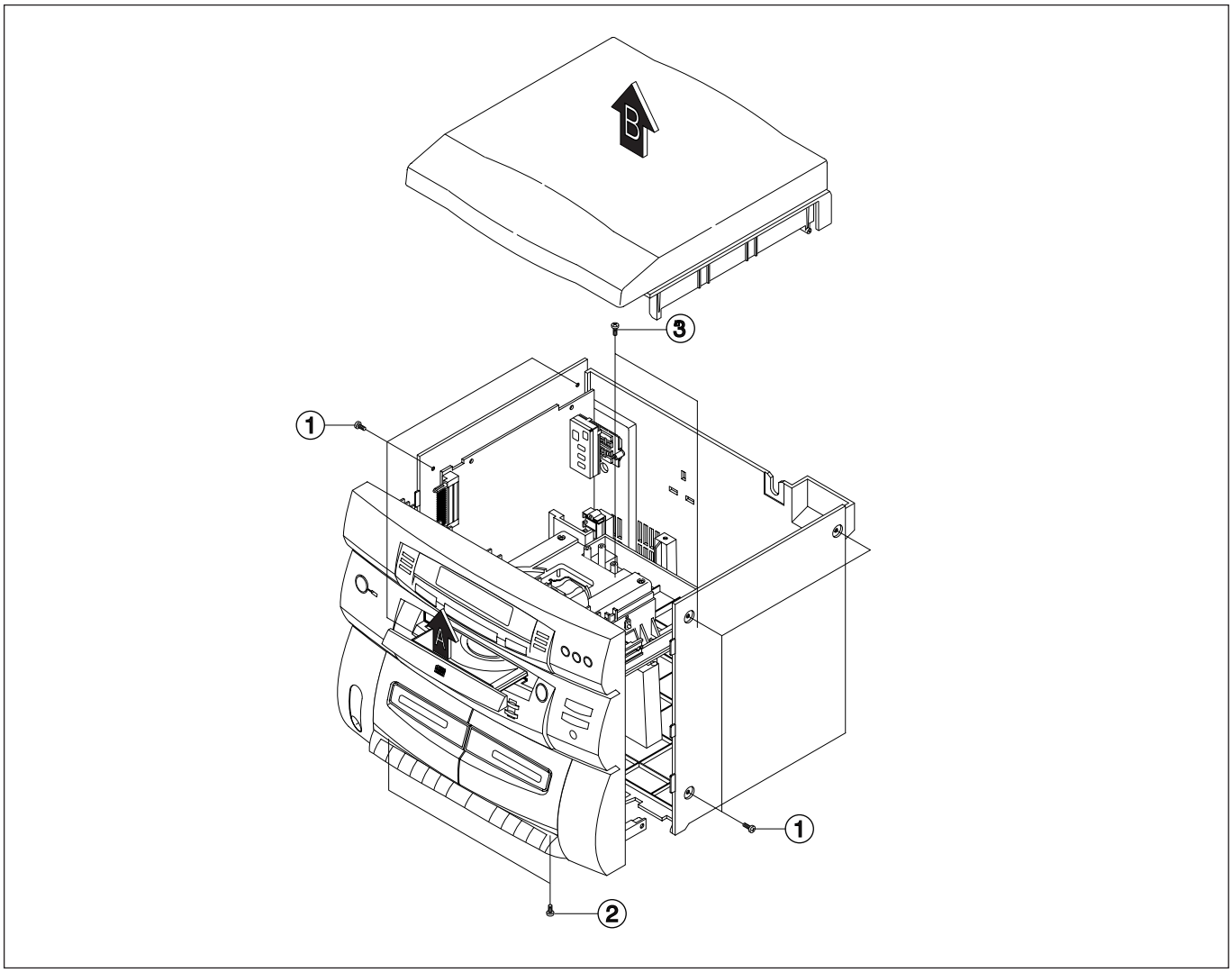


Figure 3-1

3-2 Deck-CD, Front-PCB, Cassette-Deck, Door-Cassette

1. Release 2 screws ①.
2. Remove Deck-CD Ass'y.
3. Release 4 screws ②.
4. Remove Deck-CD.
5. Release 17 screws ③.
6. Remove Front-PCB, SUB-PCB.
7. Release 7 screws ④.
8. Remove Cassette-Deck.

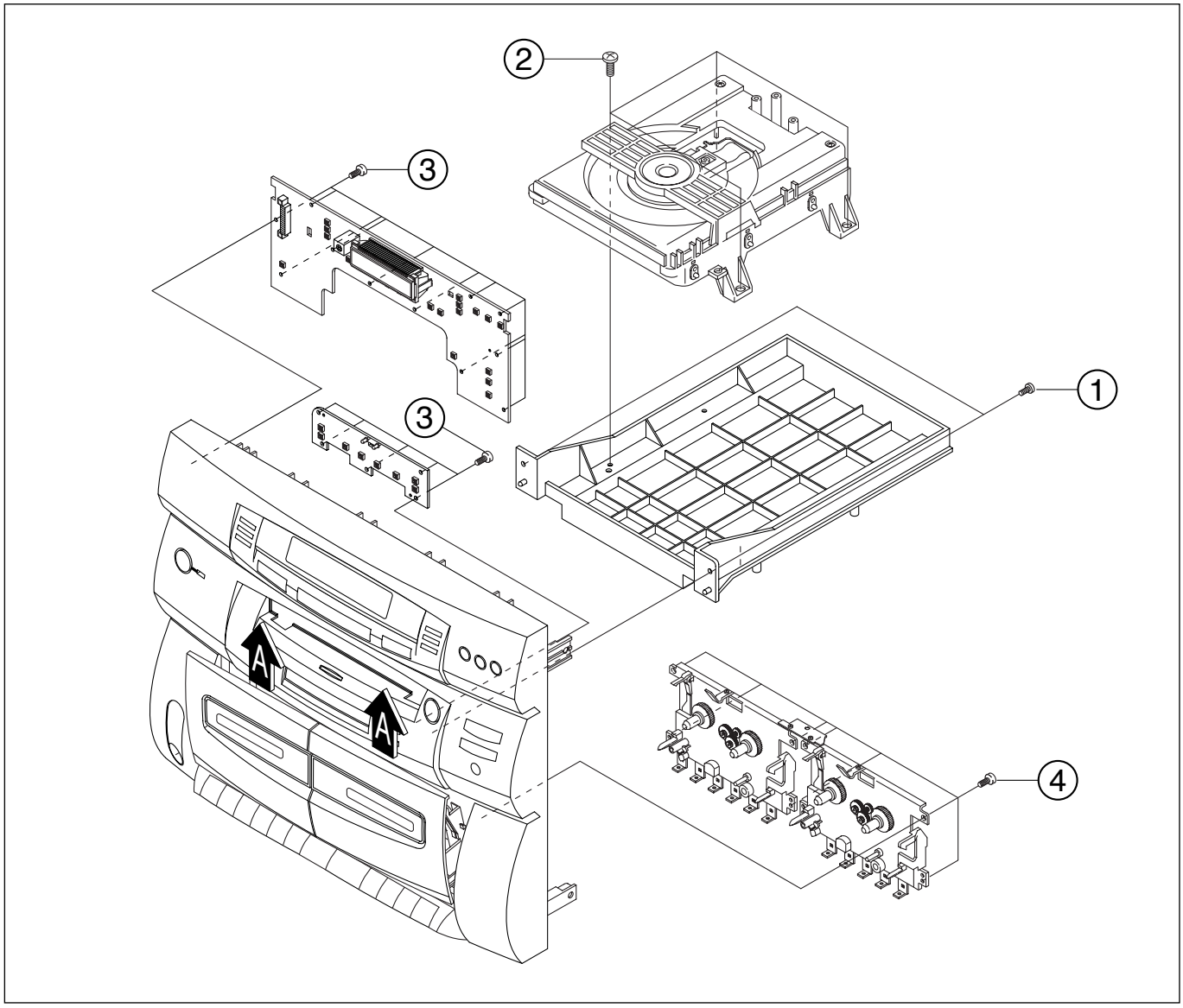


Figure 3-2

3-3 Cabinet-Bottom and Main-PCB

1. Release 3 screws ①.
2. Remove the Main-PCB .

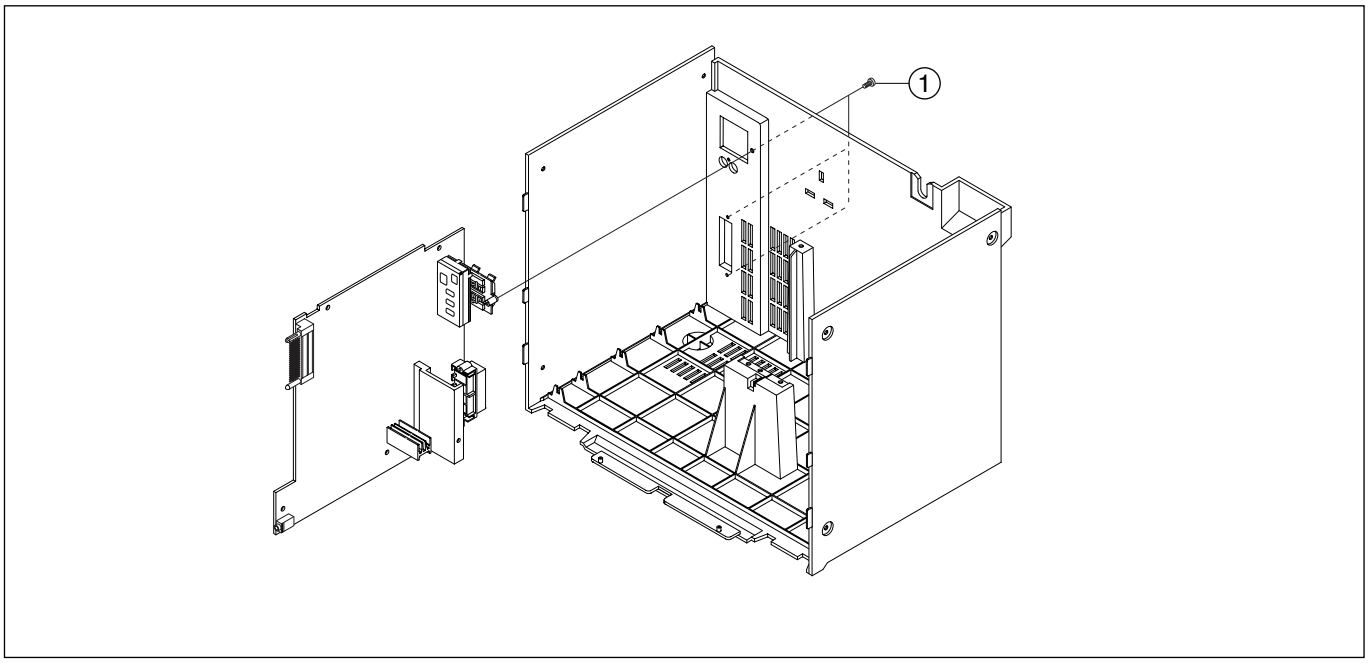


Figure 3-3

3-4 CD Pack

1. Undo 2 screws (A), and remove the Chuck-Bracket ②, the Ferrite-Magnet ⑮, Chuck Union-Table ④ and Chunk-Holder ⑦.
2. Undo 2 screws(B), pull the Tray-M1 ⑪ forward to remove.
3. Undo 1 screw(C), and remove the Cam-Spring ⑱ and the Cam ③.
4. Undo 1 screw(D), and remove the Gear-Pulley ⑨ the Belt-Pulley ②, the Gear-A ⑤ and the Gear-B ⑥.
5. Undo 2 screws(E), and remove the Motor-Pulley ⑩ and the Dc-Motor ⑳.
6. Undo 2 screws(F), and remove the Leaf-Switch ⑲ and the Detector-Switch ㉑.
   Disconnect the Lead-Connector ass'y ⑭ with soldering iron.
7. Remove the Ass'y PCB ⑬ with soldering iron and remove the PCB-Holder ㉓.
8. Undo 4 screws from the CD-Shaft ⑰, and remove the CD-Rubber ⑯ and the CD-Deck ㉒.

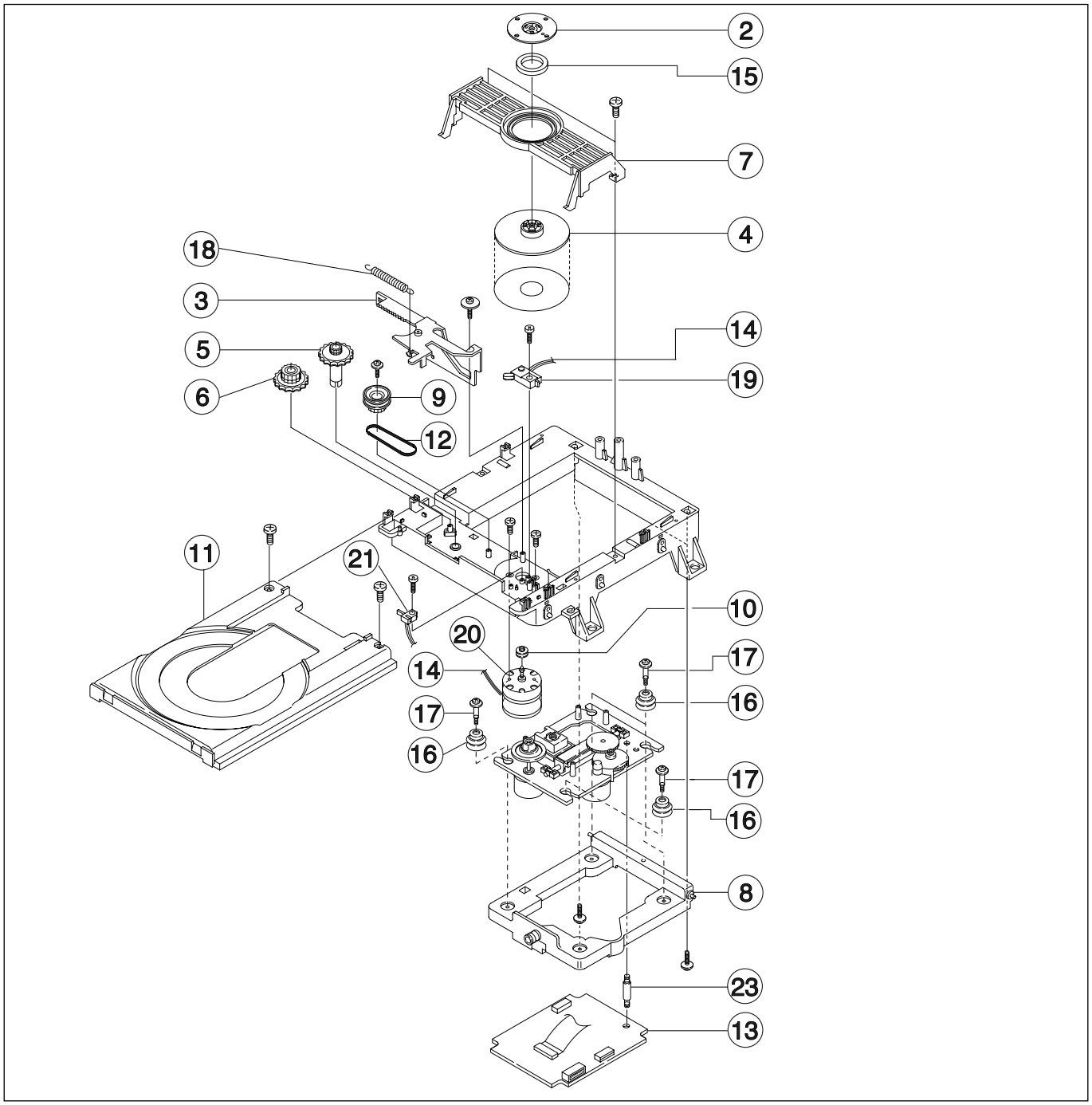


Figure 3-4

3-5 CD Deck

1. Remove the Shaft ①.
2. Lift the P/U ②.
   Note : Do not to touch the surface of lens.
3. Lift the Center-ring ③.
4. Remove the Spring-T/Table ④.
5. Remove the Turn-Table (M) ⑤.
6. Remove 2 screws ⑥ and then remove the Spindle-Motor ⑦.
7. Remove the Cover-Gear ⑧ by pushing the hook.
8. Remove the Gear (c) ⑨ by pushing the hook.
9. Lift the Gear(b) ⑩.
10. Remove the Gear(a) ⑪.
11. Remove 2 screws ⑫ and the then remove the Feed-Motor ⑬.
12. Remove the Chassis-Deck (M) ⑭.

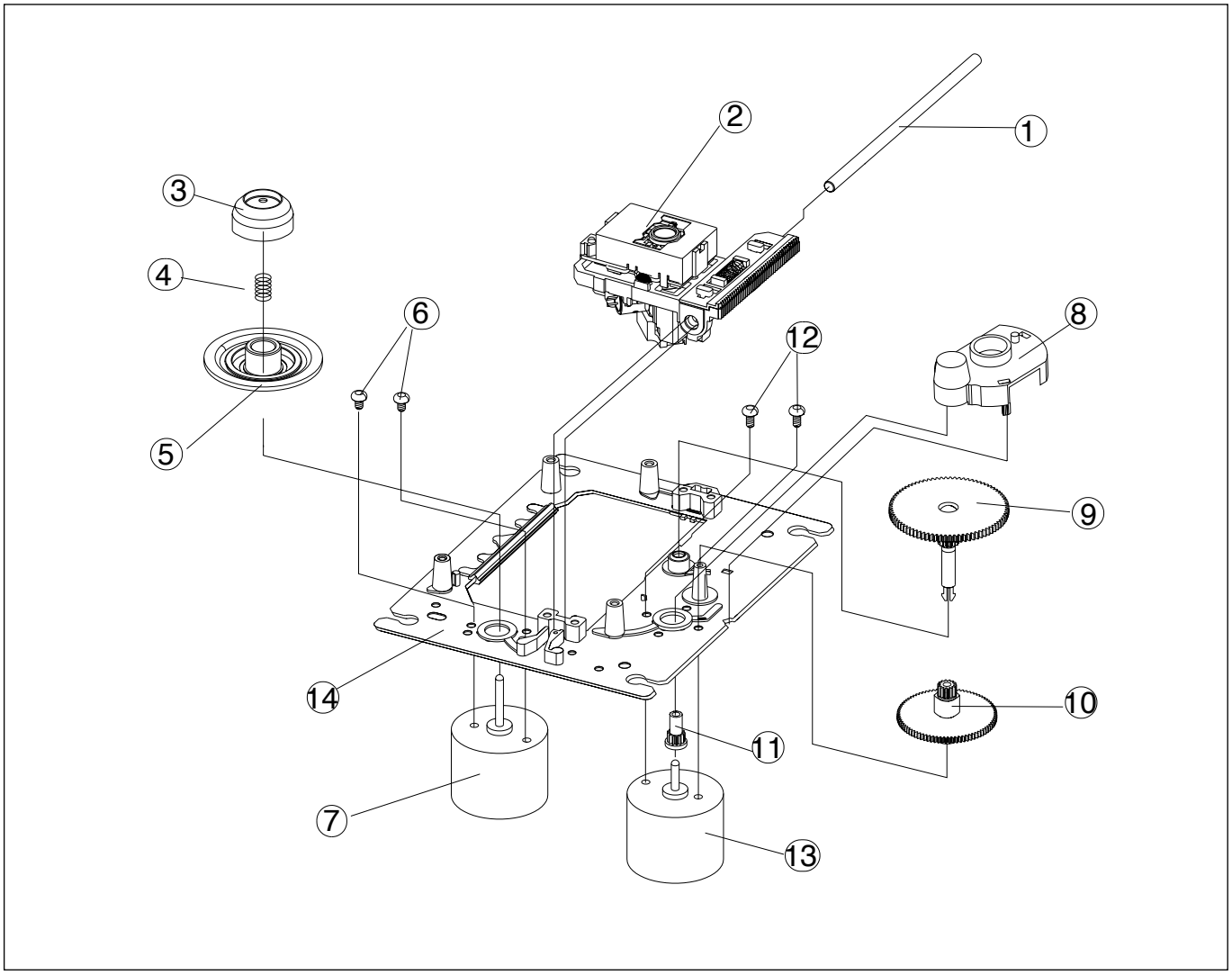
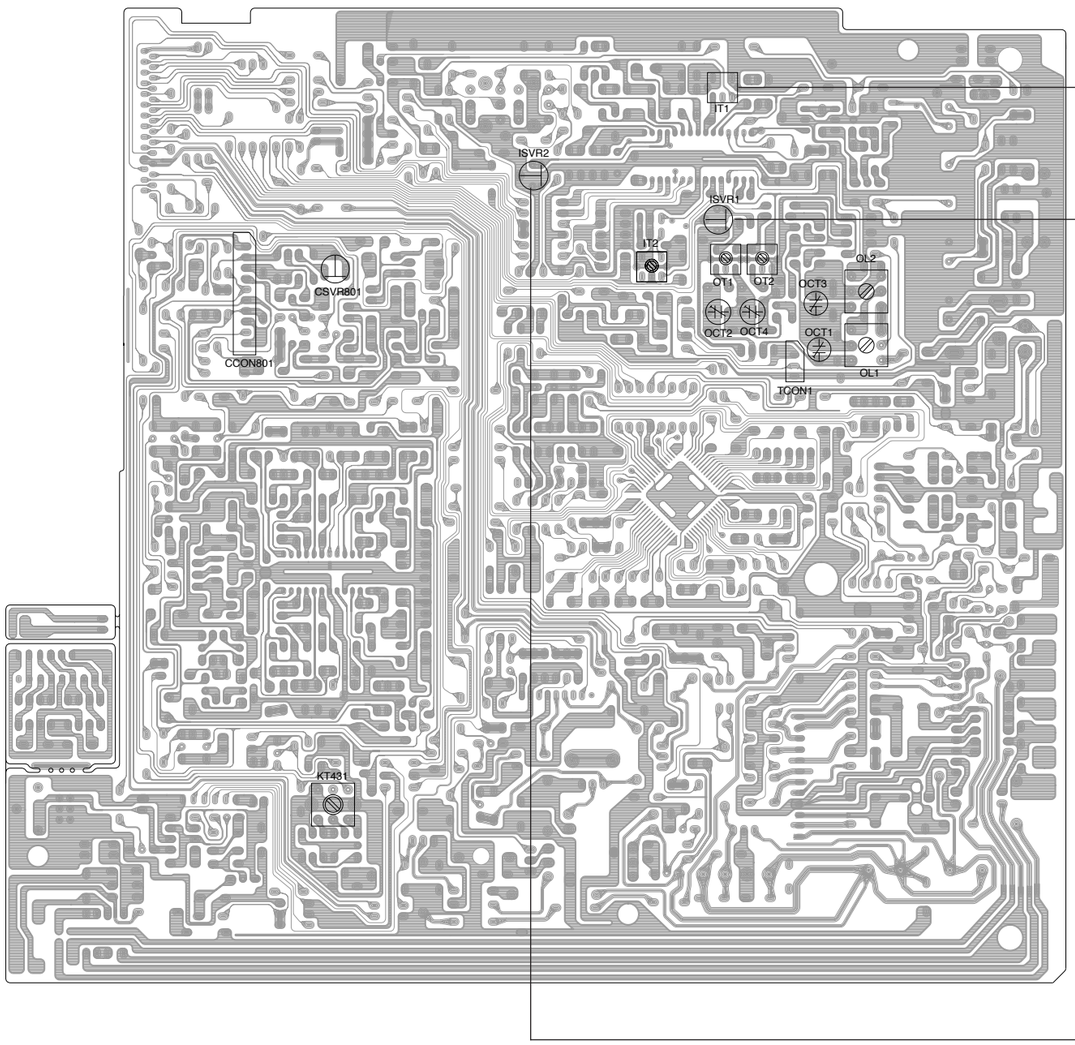


Figure 3-5



FM THD Adjustment	
SSG FREQ.	98 MHz
Adjustment point (IT1)	FM DETECTOR COIL
Minimum Distortion (Figure 4-1)	

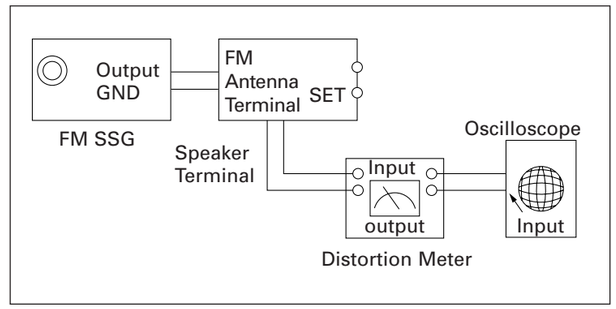


Figure 4-1 IF CENTER and THD Adjustment

FM Search Level Adjustment	
SSG FREQ.	98 MHz
Adjustment point (ISVR1)	SEMI-VR(50KΩ)
Adjust ISVR1 so that "TUNED" of LCD is lighted (Figure 4-2)	

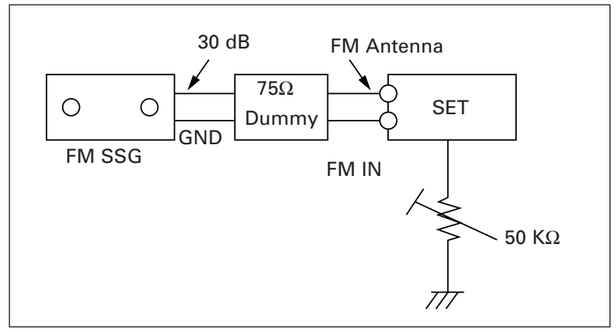


Figure 4-2 FM Auto Search Level Adjustment

FM Seperation Adjustment	
SSG FREQ.	98 MHz
Adjustment point (ISVR2)	SEMI-VR(5KΩ)
L-CH/R-CH : Maximum (Figure 4-3)	

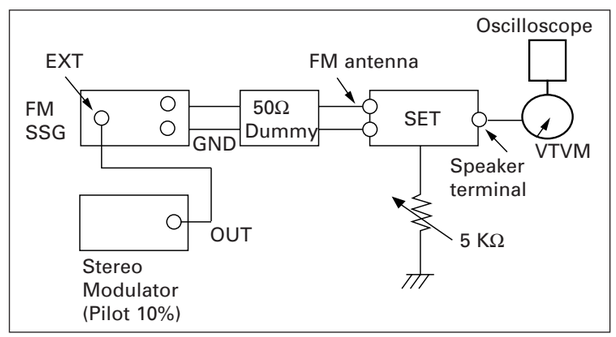


Figure 4-3 FM Stereo Separation Adjustment

4-1-1 Test Equipment

1. AM Standard Signal Generator (S. S. G) : 400Hz, 30% MOD
2. Oscilloscope
3. VTVM
4. Frequency counter
5. Loop antenna
6. Dummy load (4Ω)
7. DC voltmeter

4-1-2 Pre-Adjustment

1. Check the source voltage.
2. Set function and band switches to the band to be aligned.
3. Set the equalizer, volume and balance controls to mid position

Step	Item	Pre-Setup Condition	SSG.FREQ.	FREQ.Setting	Adjsut. Point	Remark
1	Intermediate frequency(IF) adjustment	Figure 4-5	522 KHz	522 KHz	IT2	Maximum output
2	AM frequency coverage adjustment	Figure 4-4 Connect DC voltmeter to TCON1 and GND(TP1)	-	522 KHz	OT1	0.9V
			-	1611 KHz	OCT2	9V
3	Repeat step 2 and 3 serveral times					
4	AM tracking adjustment	Figure 4-5	594 KHz	594 KHz	OL1	Maximum output
		-	1404 KHz	1404 KHz	OCT1	Maximum output
5	Repeat step 5 and 6 serveral times					

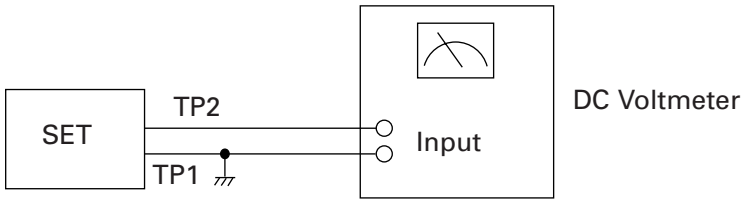


Figure 4-4 AM Frequency Coverage Adjustment

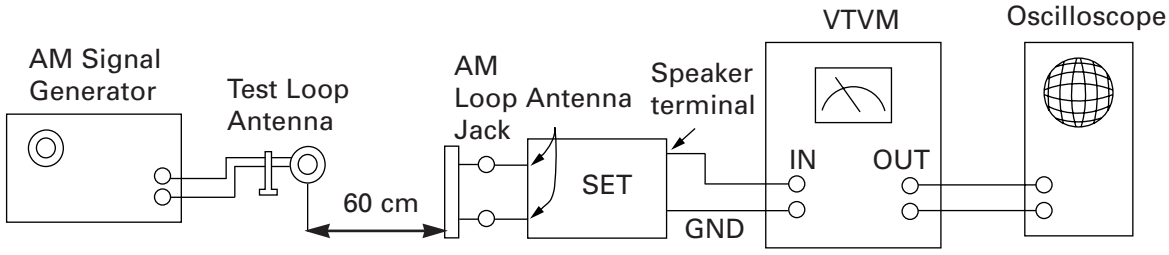
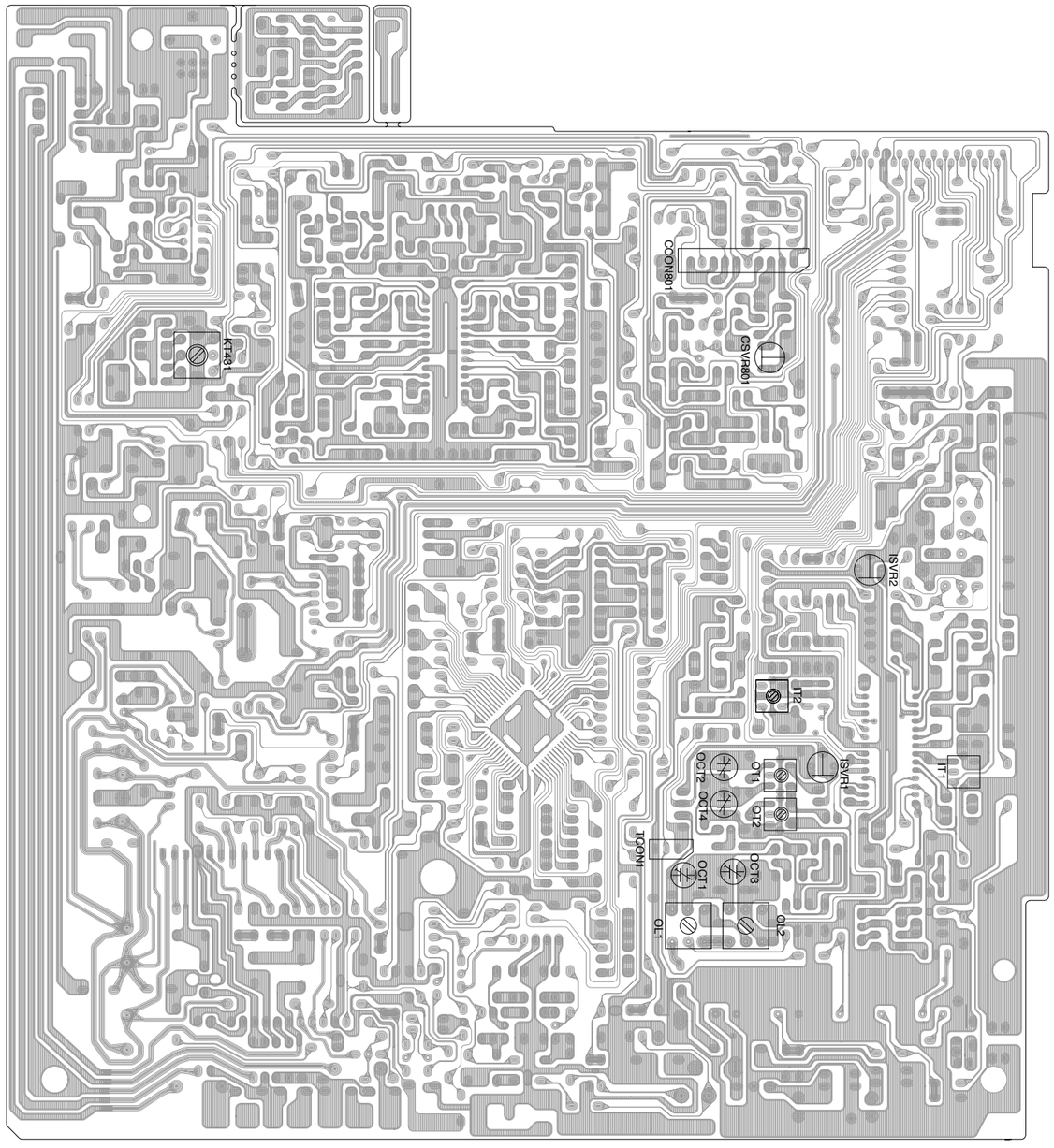


Figure 4-5 AM Tracking Adjustment

4-2 Cassette Deck



4-2-1 Additional Test Equipment : Testing Tape

1. MTT-111(or equivalent) : Test tape on which 3 KHz signal is recorded.(Tape speed adjustment)
2. MTT-114(or equivalent) : Test tape on which 10 KHz signal is recorded. (Azimuth adjustment)

Item	Pre-Setup Condition	Pre-Setup	To Adjust	Remarks
Tape speed (normal speed) adjustment	Figure 4-6	Insert MTT-111 to Deck A or B Press PLAY button	CSVR801	3 KHz
AZIMUTH (DECK A,B) adjustment	Figure 4-8	Insert MTT-114 to Deck A and Deck B Press PLAY button	Figure 4-7	Maximum output and identical phase of L,R channel. Set the screw after adjustment

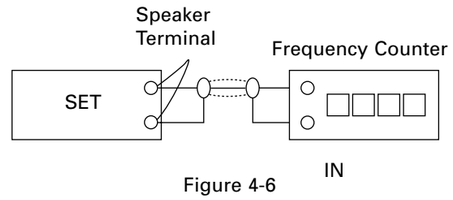


Figure 4-6

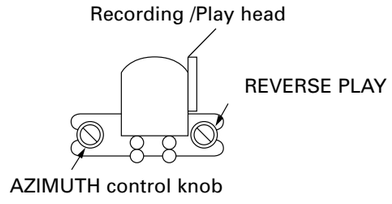


Figure 4-7

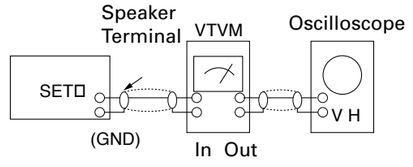
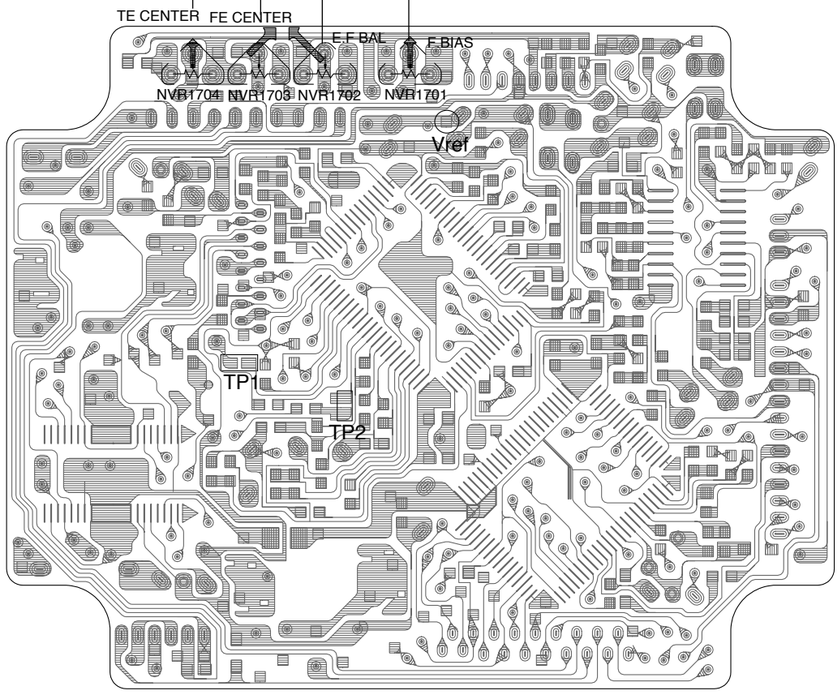


Figure 4-8

4-2-2 Recording Bias Adjustment

1. Connect frequency counter KC434 and press the REC button.
2. Adjust KT431(BIAS OSC COIL) until frequency counter reads 85 ±0.2KHz.

4-3 CD



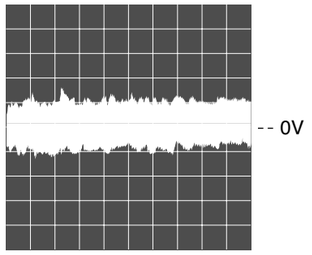
4-3-1 To Adjust FOCUS BIAS (STOP mode)

1. Set Volt/Div of the oscilloscope to DC 100mV.
2. Ground the scope input and set the waveform to 0V, DC range.
3. Connect the GND terminal of the oscilloscope to Vref, and (+) terminal to center of TP1.
4. Set NVR1701 to 0mV.

4-3-2 To Adjust Tracking Gain (PLAY mode)

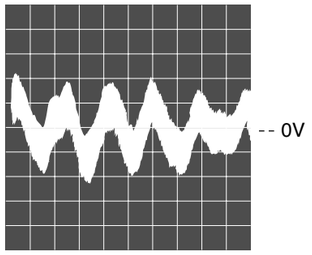
1. Connect the ground terminal of the oscilloscope to Vref and (+) terminal to TP2.
2. Load and play the disc.
3. While the disc is running, adjust the gain with NVR1704 as shown below.

Normal Frequency



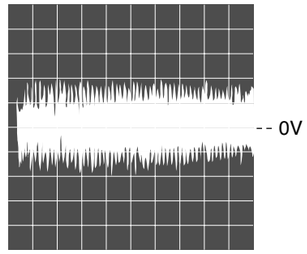
VOLT/DIV : 0.2V
TIME/DIV : 2mS

Low Frequency



VOLT/DIV : 0.2V
TIME/DIV : 2mS

High Frequency

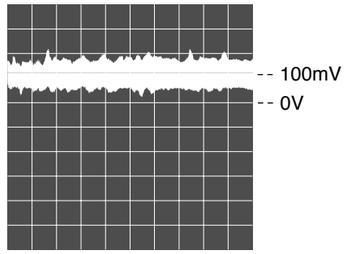


VOLT/DIV : 0.2V
TIME/DIV : 2mS

4-3-3 To Adjust Focus Gain (PLAY mode)

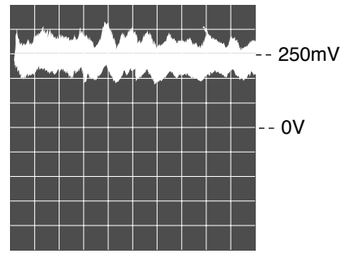
1. Connect the ground terminal of the oscilloscope to Vref and (+) terminal to TP1.
2. Load and play the disc.
3. While the disc is running adjust the gain with NVR1703 as shown in the following figure.

Normal Frequency



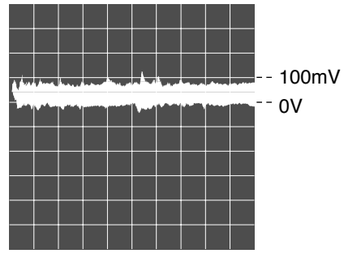
VOLT/DIV : 0.1V
TIME/DIV : 2mS

Low Frequency



VOLT/DIV : 0.1V
TIME/DIV : 2mS

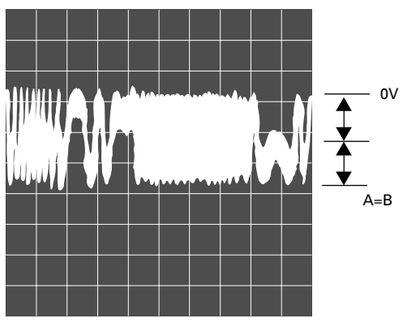
High Frequency



VOLT/DIV : 0.1V
TIME/DIV : 2mS

4-3-4 To Adjust E/F Balance (PLAY mode)

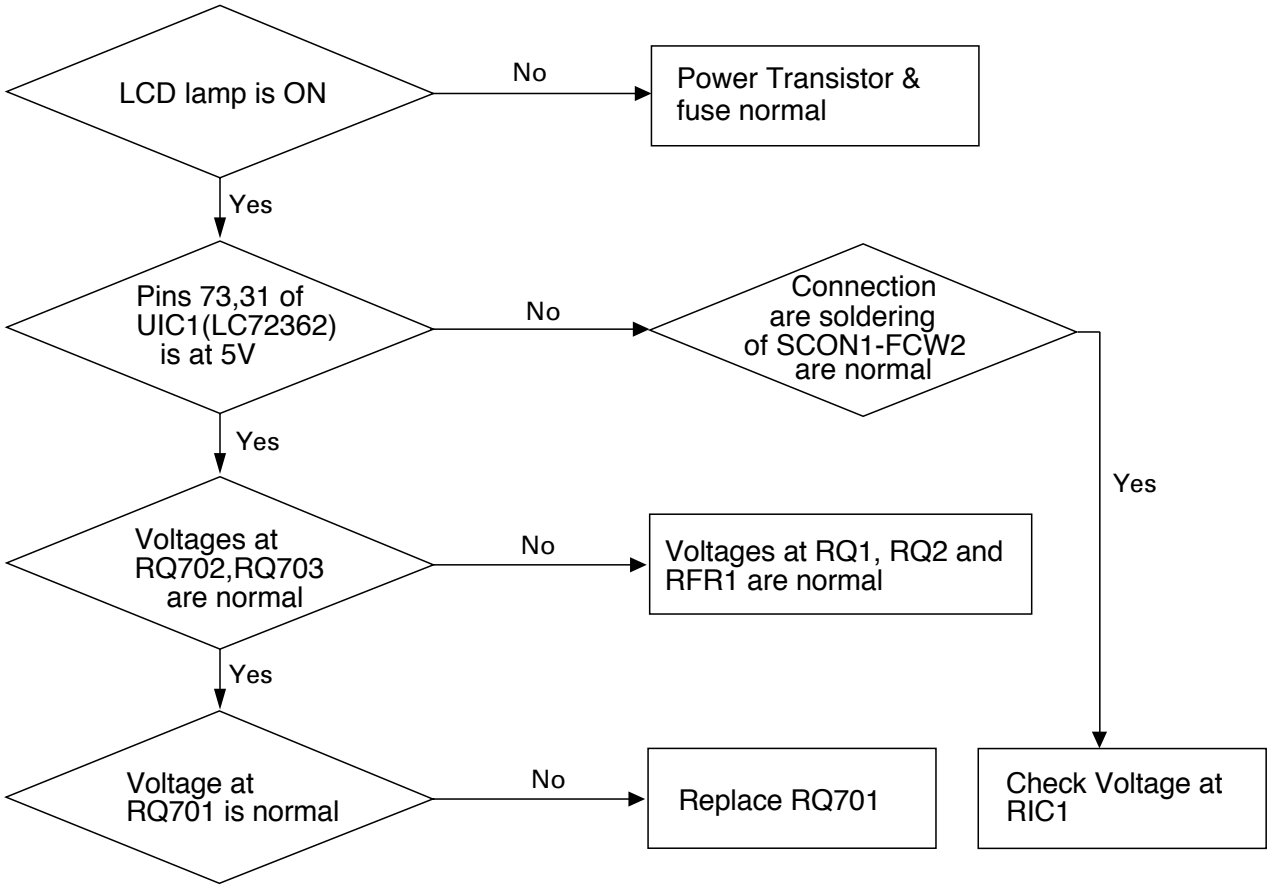
1. Set Time/Div of the oscilloscope to 2mS.
2. Set Volt/Div of the oscilloscope to 0.5V.
3. Ground the scope input and set to DC, and then set the DC range.
4. Connect the ground terminal of the oscilloscope to Vref and (+)terminal to center to TP2.
5. Load and play the disc.
6. Turn NVR1704 counterclockwise to the minimum value.
7. Raise NVR1702 and adjust the waveform so that its middle comes to ground of the oscilloscope, (or until the upper half of waveform becomes symmetrical to the bottom half,A=B).
8. Adjust NVR1704(arrow) for normal sound.



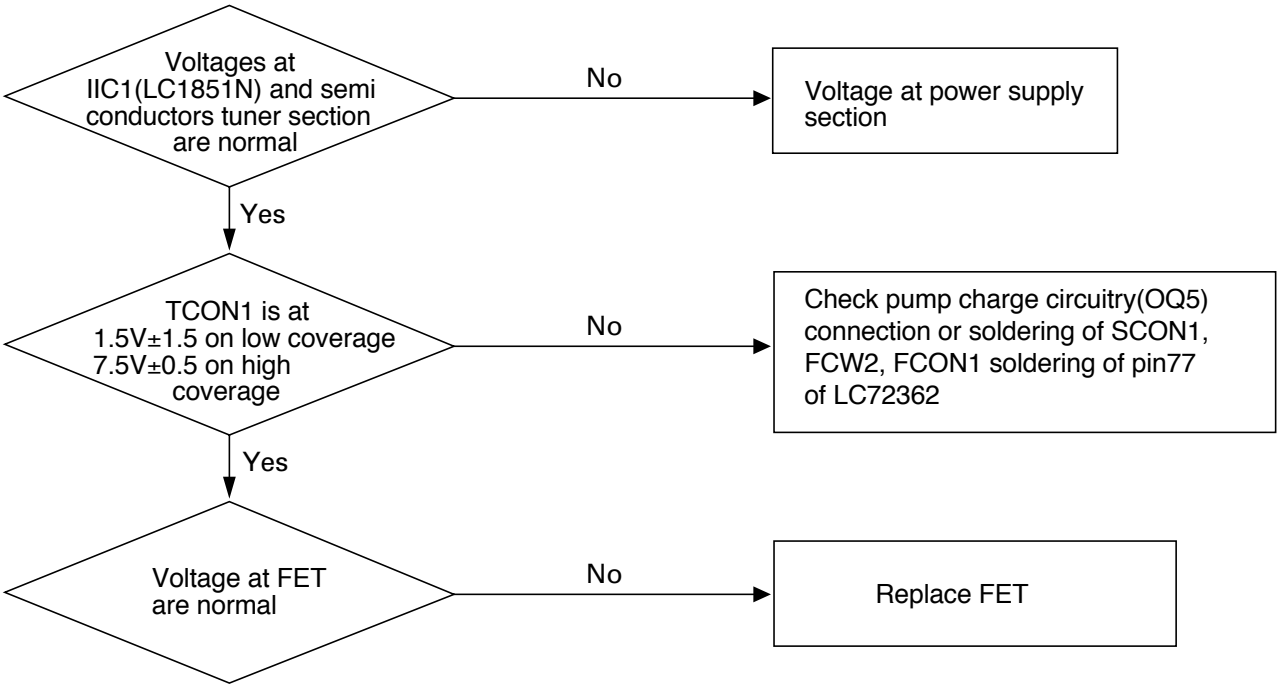
6. Troubleshooting

6-1 Amplifier

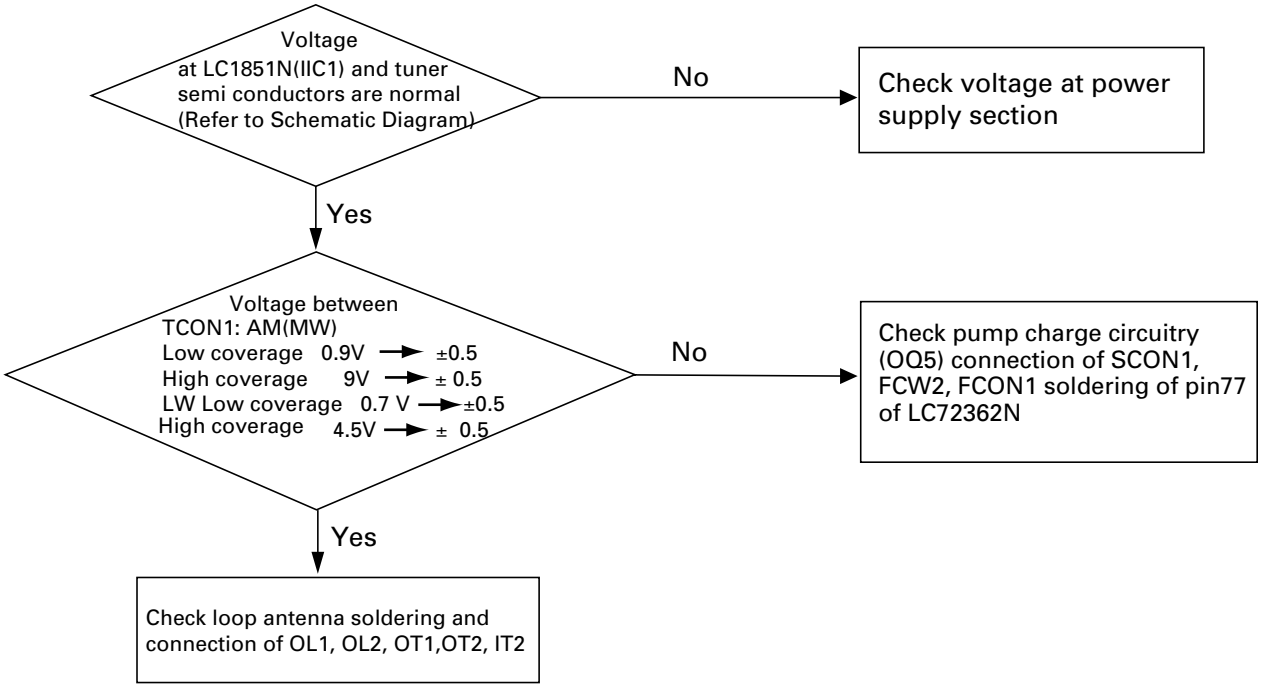
6-1-1 Power Malfunction



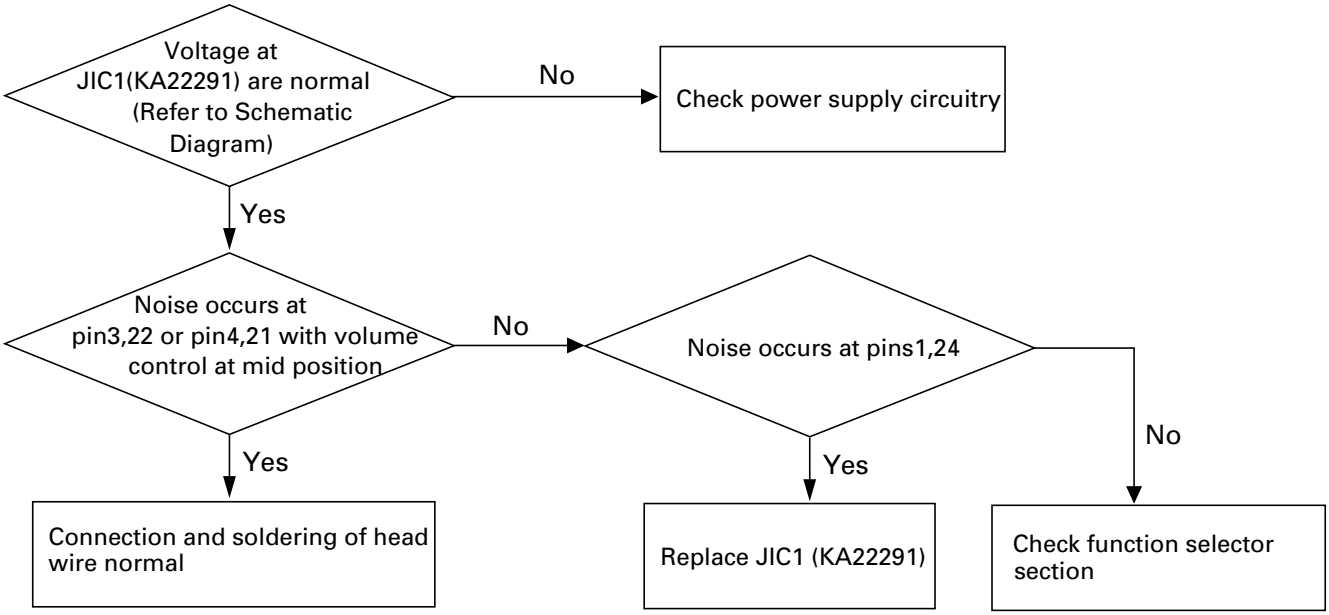
6-1-2 No Output


Voltages at IIC1(LC1851N) and semi conductors tuner section are normal
No
Voltage at power supply section
Yes
TCON1 is at 1.5V±1.5 on low coverage 7.5V±0.5 on high coverage
No
Check pump charge circuitry(OQ5) connection or soldering of SCON1, FCW2, FCON1 soldering of pin77 of LC72362
Yes
Voltage at FET are normal
No
Replace FET

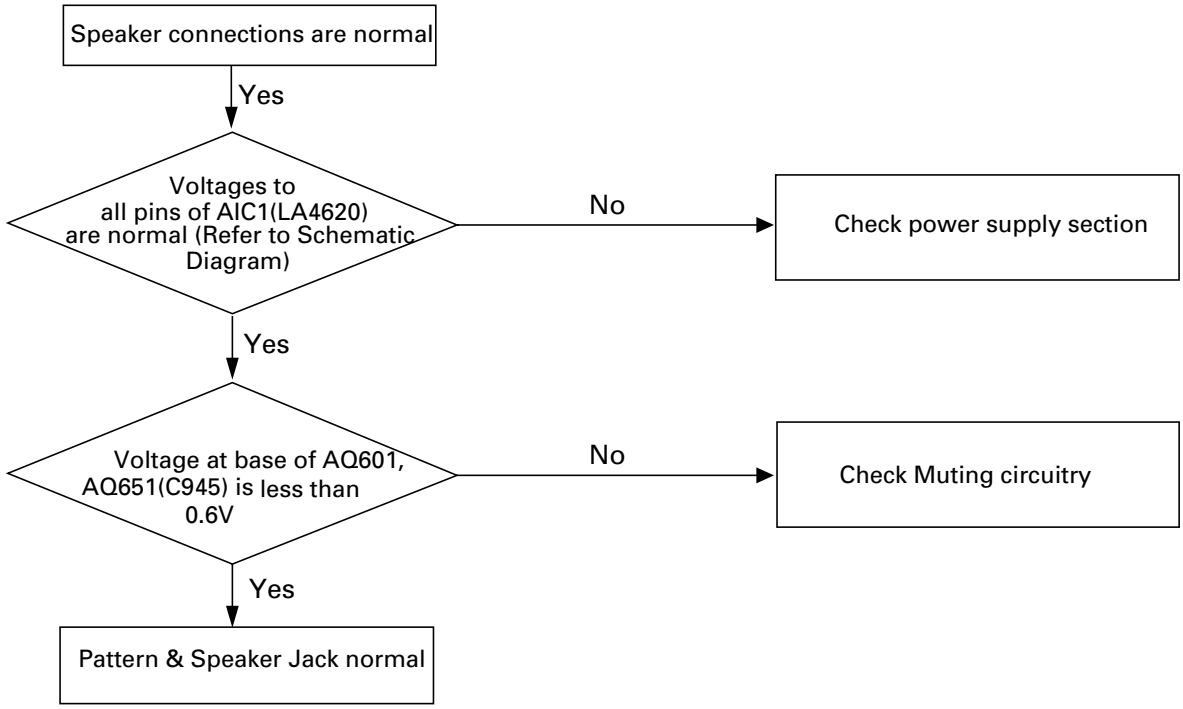
6-1-3 AM No Sound


Voltage at LC1851N(IIC1) and tuner semi conductors are normal (Refer to Schematic Diagram)
No
Check voltage at power supply section
Yes
Voltage between TCON1: AM(MW)
Low coverage 0.9V → ±0.5
High coverage 9V → ± 0.5
LW Low coverage 0.7 V → ±0.5
High coverage 4.5V → ± 0.5
No
Check pump charge circuitry (OQ5) connection of SCON1, FCW2, FCON1 soldering of pin77 of LC72362N
Yes
Check loop antenna soldering and connection of OL1, OL2, OT1,OT2, IT2

6-1-4 Tape Not Playing

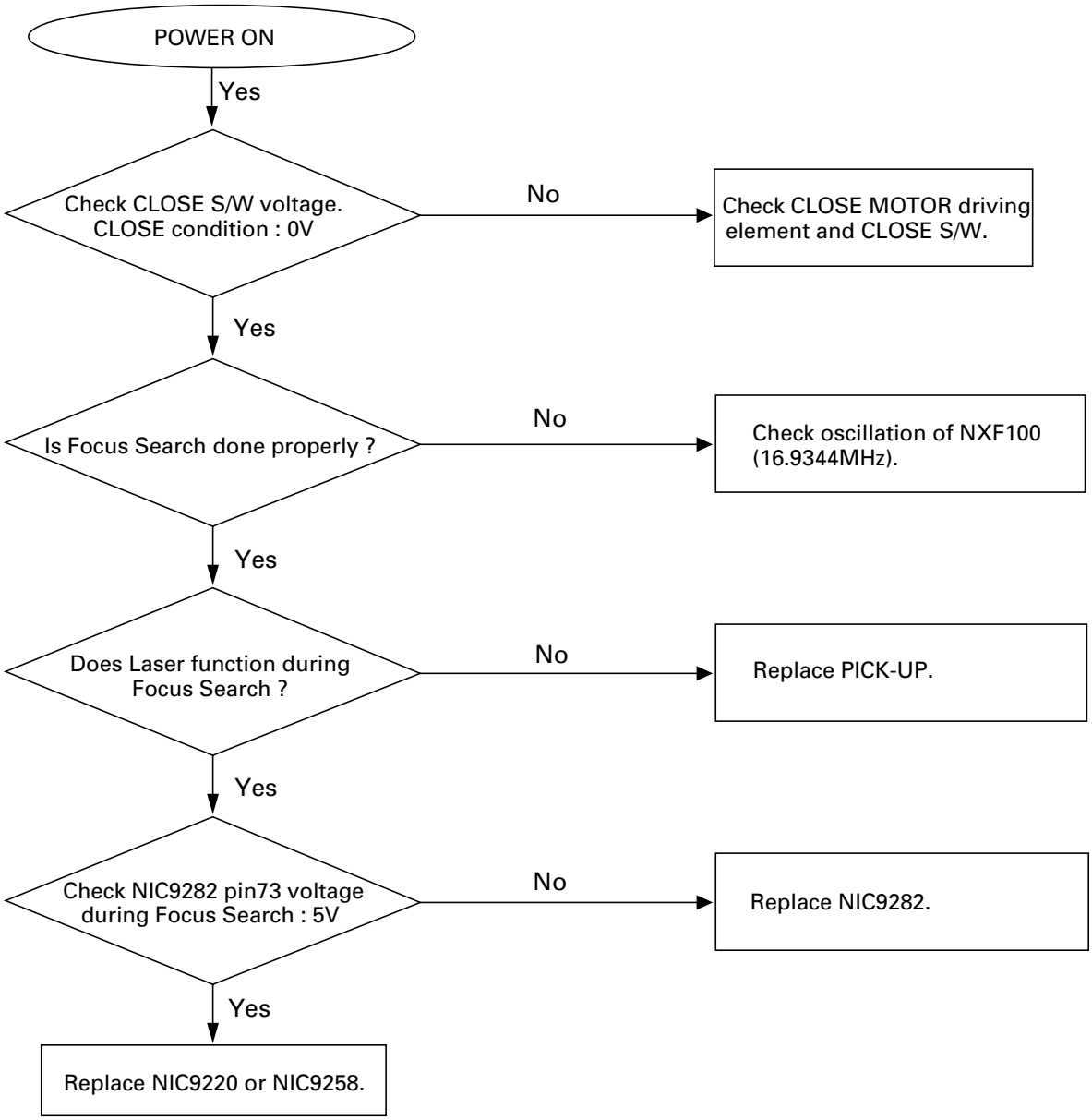


6-1-5 Audio Output Problem

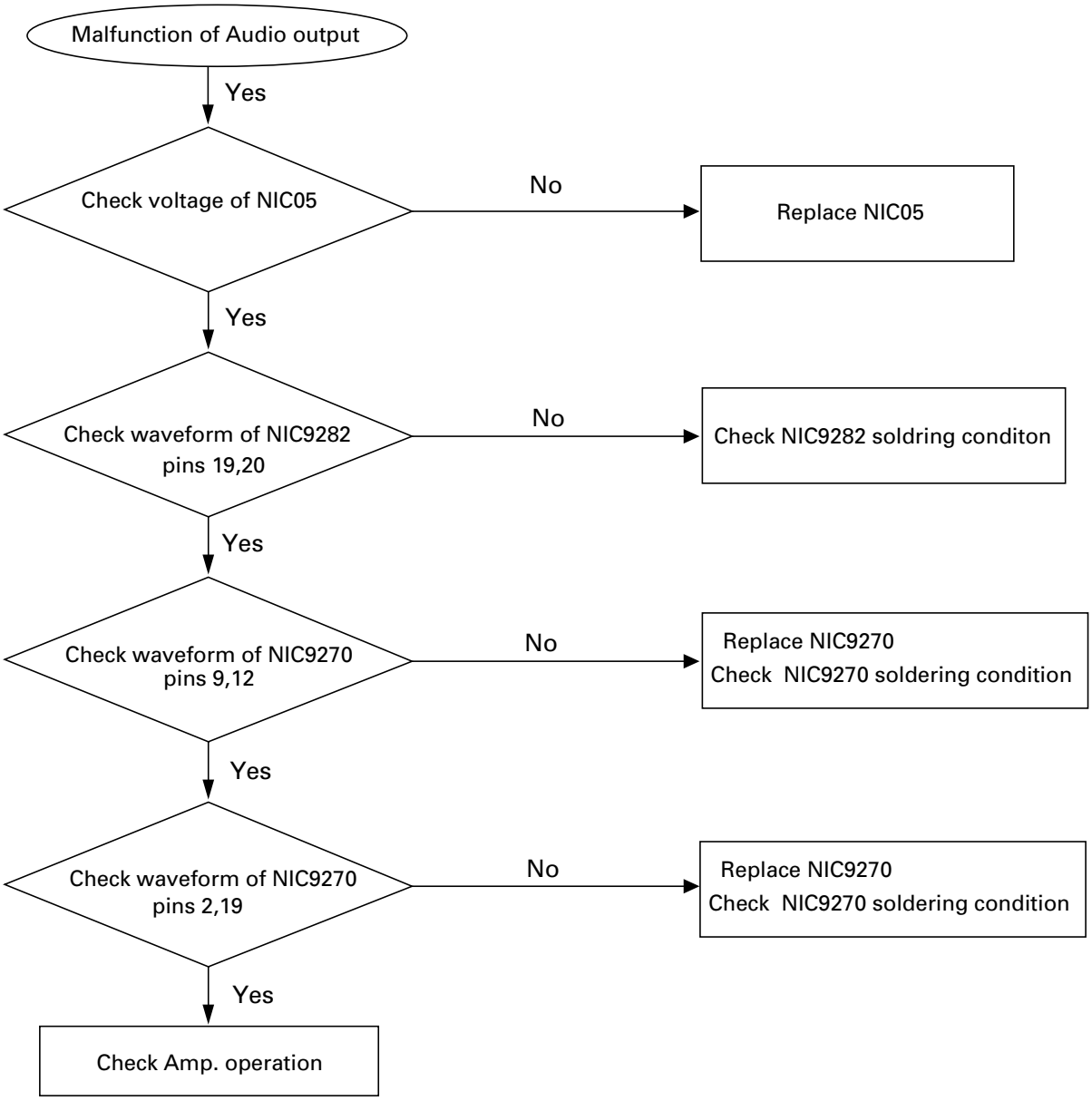


6-2 CD

6-2-1 Malfunction of Disc Revolution

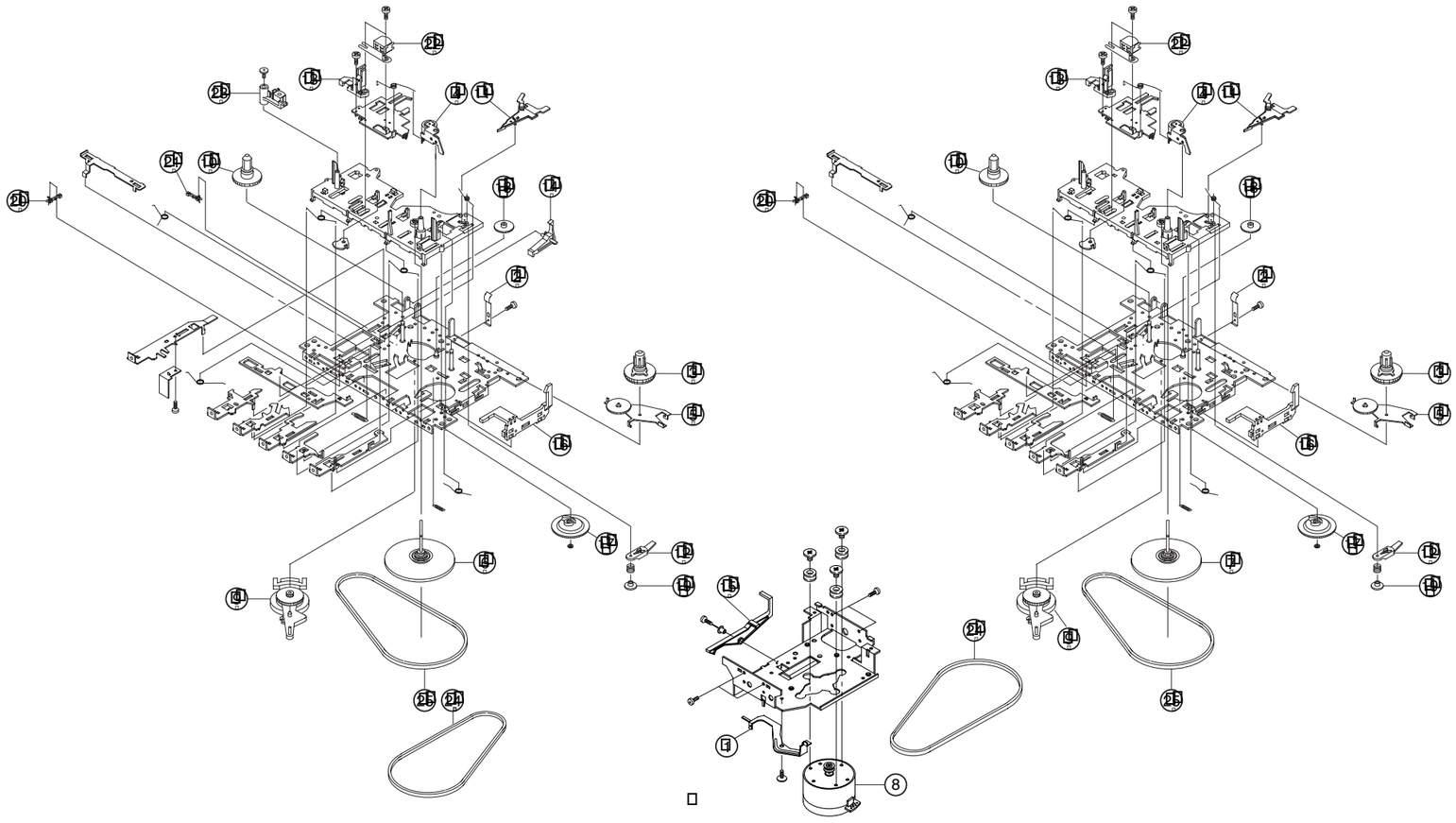


6-2-2 Malfunction of Audio Output



7. Exploded Views and Parts List

7-1 Cassette Deck Exploded View and Parts List

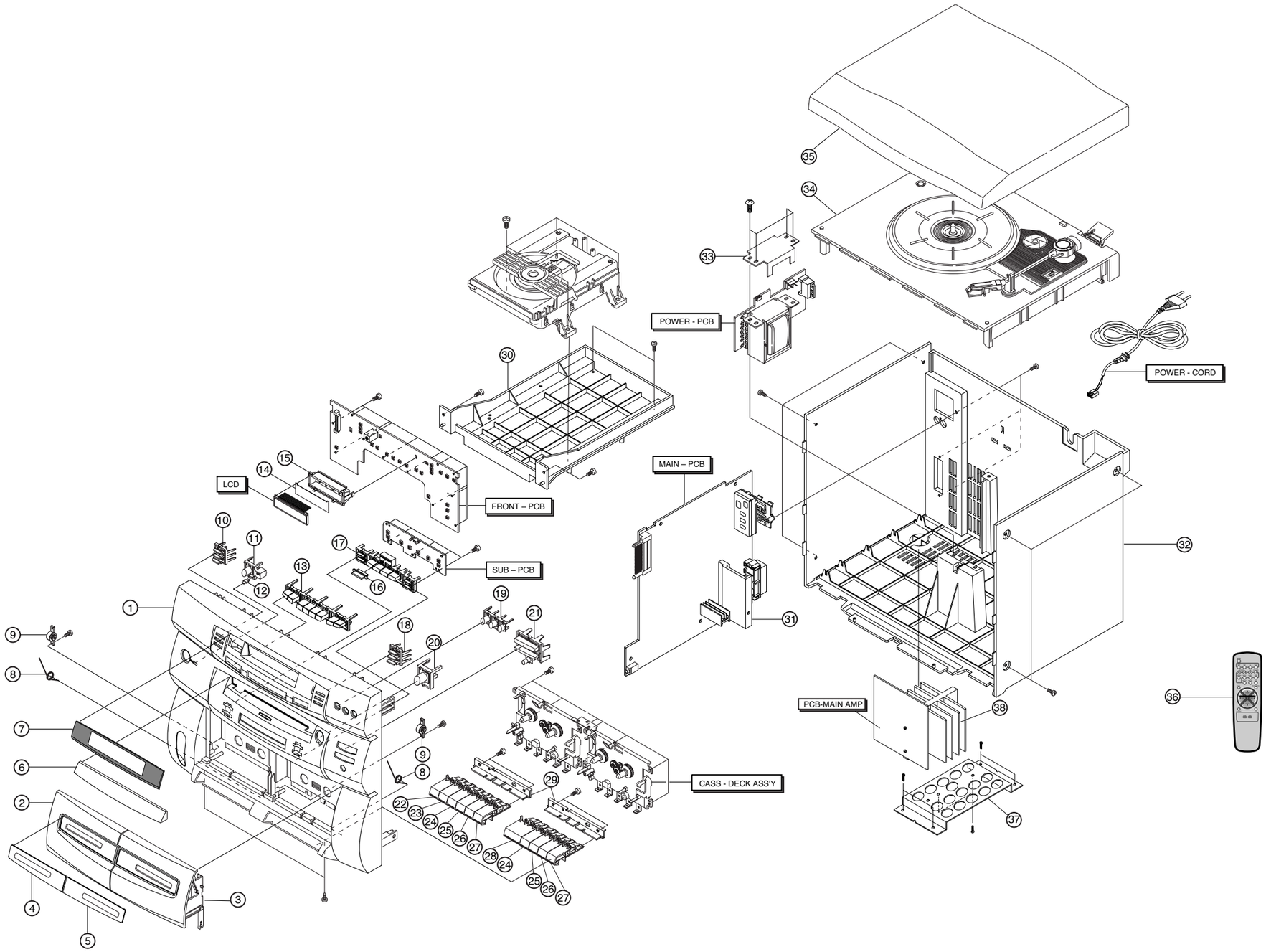


No.	Code No.	Description	Specification	Remarks
	AH59-20004F	DECK-CASSETTE	ADR2040FW	
1	AH81-10026X	LEVER-SYNCHRO	11134-01280AA	
2	AH81-10026C	SPRING PACK	51299-02506XC	
3	AH81-10025B	TAKE UP REEL ASS'Y	ADR28-010	
4	AH81-10025D	PINCH ARM ASS'Y	ADR26-001	
5	AH81-10025E	IDLER ARM ASS'Y	ADR02-042	
6	AH81-10025F	FLYWHEEL GEAR S ASS'Y	ADR15-021	
7	AH81-10025G	FLYWHEEL GEAR D ASS'Y	ADR15-022	
8	AH81-10021T	MOTOR	EG530YD2B	
9	AH81-10025J	FR ARM ASS'Y	ADR22-012	
10	AH81-10025K	REEL GEAR ASS'Y	11128-00045AA	
11	AH81-10025T	ARM-SENSOR	11102-00530AA	
12	AH81-10025M	PAUSE LOCK CMA	11116-00011AA	

No.	Code No.	Description	Specification	Remarks
13	AH81-10025P	HEAD BASE M	11105-00031AA	
14	AH81-10026B	LEVER REC SAFETY	11134-01000AA	
15	AH81-10026W	LEVER RELEASE	11134-01240AA	
16	AH81-10026M	LEVER EJECT(F)	11134-01220AA	
17	AH81-10025Q	CAM GEAR	11128-00393AA	
18	AH81-10025R	F.F GEAR	11128-00055AA	
19	AH81-10025S	PAUSE CAP	11116-00011AA	
20	AH81-10026T	LEAF SW (MAIN)	MSW1541 X ACV	
21	AH81-10026U	LEAF SW (REC)	MSW 1716CV	
22	AH81-10022E	R/P HEAD	MS15R-AA2N1	
23	AH81-10026P	MGARM ASS'Y	11102-00520AA	
24	AH81-10026L	BELT MAIN	59.7 PI X 1.0T	
25	AH81-10026H	BELT SUB	34.7 PI X 1.0T	

7-2 Main Exploded View and Parts List

7-2-1 Exploded View



7-4-2 Parts List

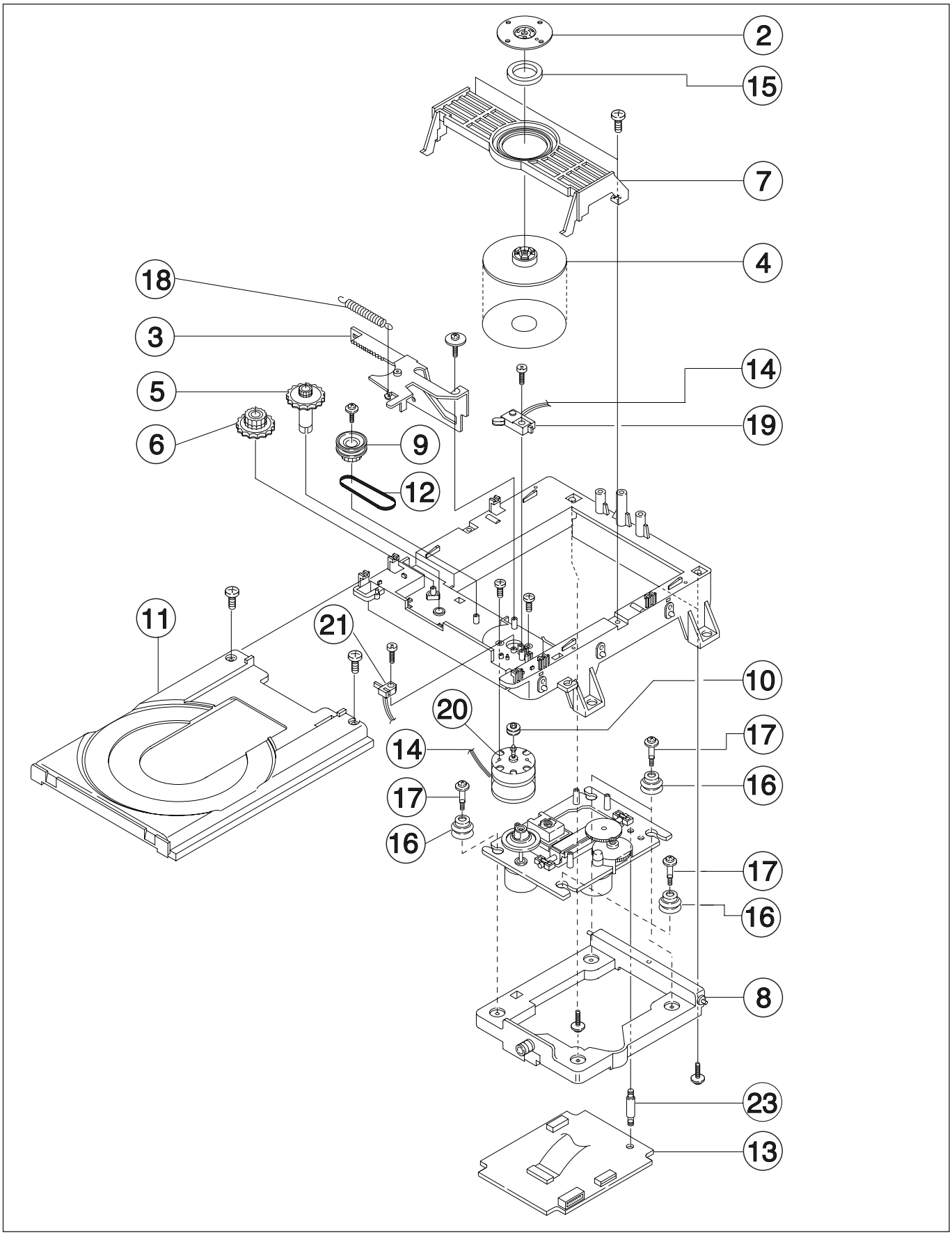
No.	Code No.	Description	Specification	Remarks
1	AH64-30337D	CABINET-FRONT	-,MIPS,94HB,T2.5,BLK	
2	AH64-50188B	DOOR-CASS,A	-,ABS,94HB,T2.5,BLK	
3	AH64-50189B	DOOR-CASS,B	-,ABC,94HB,T2.5,BLK	
4	AH64-40338A	WINDOW-DOOR(A)	PC,-,T0.7,BLK,-,BLK,-	
5	AH64-40339A	WINDOW-DOOR(B)	PC,-,T0.7,BLK,-	
6	AH64-50190B	DOOR-CD	ABS,94HB,T2.5,-,BLK,-	
7	AH64-40335B	WINDOW-TUNER	A,ACRYL,-,-,CLR,-,	
8	AH61-60241E	SPRING-DOOR	-,TS,STS304,PI0.9,OD8.6,-,	
9	AH61-80030A	DAMPER-ASSY	-,POM,M0.8,GI30,BLK,-	
10	AH64-10869A	KNOB-TUNER(A)	ABS,94HB,BLK,-	
11	AH64-10887B	KNOB-POWER	-,ABS,94HB,BLK,-	
12	AH67-10094A	LENS-POWER	PMMA,-,-,-,MILKEY	
13	AH64-10871B	KNOB-FUNCTION	-,ABS,94HB,BLK,-	
14	AH67-40024A	FILTER-LCD	PC,T0.5,-,-,-,-,WHT	
15	AH61-20335A	HOLDER-CD	ABS,94HB,WHT,T1.5	
16	AH67-10097A	LENS-PLAY(CD)	PMMA,-,-,MILKEY	
17	AH64-10872B	KNOB-SKIP	-,ABS,94HB,BLK	
18	AH64-10870A	KNOB-TUNER(B)	ABS,94HB,BLK,T1.5	
19	AH64-10886A	KNOB-EQ	ABS,94HB,BLK,T1.5	
20	AH64-10890B	KNOB-OP/CL	-,ABS,94HB,BLK,-	
21	AH64-10873B	KNOB-PLAY,CD	-,ABS,94HB,BLK,-	
22	AH64-10875B	KNOB-DECK,REC	-,ABS,94HB,BLK,-	
23	AH64-10876B	KNOB-PLAY,S	-,ABS,94HB,BLK,-	
24	AH64-10876D	KNOB-REW	-,ABS,94HB,BLK,-	
25	AH64-10876C	KNOB-DECK,FF	-,ABS,94HB,BLK,-	
26	AH64-10876E	KNOB-DECK,SJ/EJ	-,ABS,94HB,BLK,-	
27	AH64-10880B	KNOB-DECK,PAUSE	-,ABS,94HB,BLK,-	
28	AH64-10874B	KNOB-PLAY,L	-,ABS,94HB,BLK,-	
29	AH61-10573A	BRACKET-DECK	SECC,-,T0.8,-,-	
30	AH61-10576A	CHASSIS-MECHA	ABS,94HB,-,BLK,-	
31	AH62-30107A	HEAT-SINK	-,AL,-,T6.0,-,WHT,-	
32	AH64-30338A	CABINET-BOTTOM	MIPS,94HB,T3,-,BLK,-	
33	AH61-10683A	BRACKET-P/T	-,SECC,-,T10,NTR,-	
34	AH59-90012W	ASS'Y T/T	SCM6500	
35	AH63-30005A	COVER-DUST	GP150,94HB,T3.0,D/BLU	
36	AH59-10080C	REMOCON-ASS'Y	-,-,-,60	
37	AH61-10739A	BRKT-HEAT,SINK	SECC 1.0T	
38	AH62-30110B	HEAT-SINK,MAIN	AL EXTRA	
	AH64-50121A	DOOR-BATTERY	ABS,94HB,BLK	

7-3 CD Pack

7-3-1 Parts List

No.	Code No.	Description	Specification	Remarks
	CMSP3M6T	DECK-CD MINI MECHA	BASIC	
2	AH61-10241A	BRACKET-CHUCK	SBHG,-,T0.8,WHT,-,CMS-CR1	
3	AH66-50004A	CAM	PC,-,BLK,-,CMS-M1	
4	AH66-90053A	TABLE-CHUCK UNION	-,ABS,-,BLK,-,CMSA3	
5	AH66-20007A	GEAR-A	NYLON12,M0.5/M0.5,Z17/45,-,-	
6	AH66-20008A	GEAR-B	POM,M0.5/M0.8,Z19/Z46,-,-	
7	AH61-20245A	HOLDER-CHUCK	ABS,94HB,BLK,-,CMS-M1	
8	AH66-30001B	LEVER-LIFTER DECK(P)	PC,-,-,-,CMSP3	
9	AH66-20008A	PULLEY-GEAR	POM,BLK,CMS-M1	
10	AH66-10002A	PULLEY-MOTOR	POM,BLK,CMS-M1	
11	AH66-90009B	TRAY-MI	ABS,-,BLK,-,CMS-M1	
12	AH66-60001A	BELT-PULLEY	NEOPLENE,T1.5,2%,L78.8,BLK	
13	AH90-10346A	ASS-Y PCB	G3A8	
14	AH39-20001F	LEAD-CONNECTOR ASS'Y	51004,-,6P,300MM,1007#28	
15	3302-000158	MAGNET-FERRITE	AC,-,3500-3800G,2.6-3.2MG0E,30	
16	AH73-10012A	RUBBER-CD	SI RUBBER,-,CMS-M5M6C,BLU	
17	AH61-50128B	SHAFT-CD	FE,D2.6,L10.5,-,-	
18	AH61-60010A	SPRING-CAM	ES,STS-W,PI0.2,OD3.2,-,CMS-M1	
19	3409-000135	SWITCH-LEAF	16V,1A,70GF,SPST	
20	AH31-10021A	MOTOR-DC	RF-500TB,9VDC/130MA	
21	3409-000175	SWITCH-DETECTOR	30VDC,100MA,SPST	
23	AH61-20227A	HOLDER-PCB	NYLON66,-,NTR,DAHP-18N,M	

7-3-1 Parts List

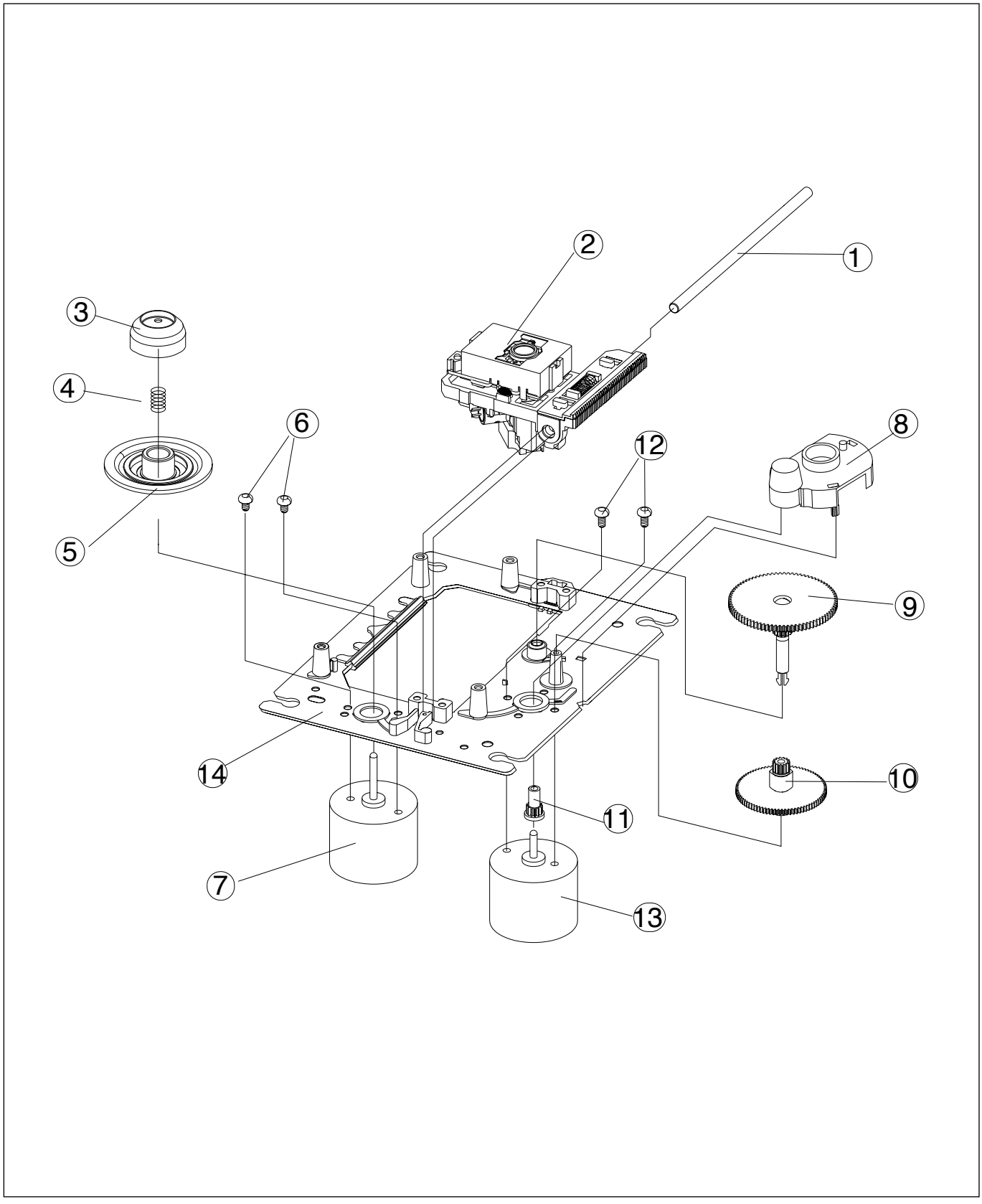


7-4-2 Parts List

No.	Code No.	Description	Specification	Remarks
	AJ59-20003F	DECK-CDP	CMS-P30NM6	
1	AH61-10022C	CHASSIS-DECK(M)	CMSA30 POM M90-44	
2	AH63-30048A	COVER-GEAR	CMS-V30 BLK ABS	
3	AH66-20016A	GEAR(A)	CMS-V30 M0.3 Z13 SP POM	
4	AH66-20017A	GEAR(B)	CMS-V30 M0.3 Z13 SP POM	
5	AH66-20018A	GEAR(C)	CMS-V30 M0.3 Z16/Z90 SP POM	
6	AH71-50036A	SHAFT-PU	CMS-V30 D3 L79 SUS420J2	
7	15253-503-011	CENTER-RING	ABS+GS 20% CMS-V10N	
8	AH66-90018A	TURN-TABLE(M)	ABS+GS 20% CMS-V10N	
9	AJ30-20001B	PICK-UP CDP	P/U SOH-A1 ROW V-P/J	
10	AH61-60055A	SPRING-T/TABLE	CS STS-W PI0.4 D5.7 L9.3 CMS-V10N	
11	AH31-10009A	MOTOR-SPINDLE	RF-310T-11400 43L 25V 85mA	
12	AH31-10002B	MOTOR-FEED	RF-310ta 30MM NDM4RA3ETL 11.0MM	
13	AH60-10014A	SCREW-PH(+M2*3)	+M2X3 FE FZY W700	

7-4 CD Deck Exploded View and Parts List

7-4-1 Exploded View

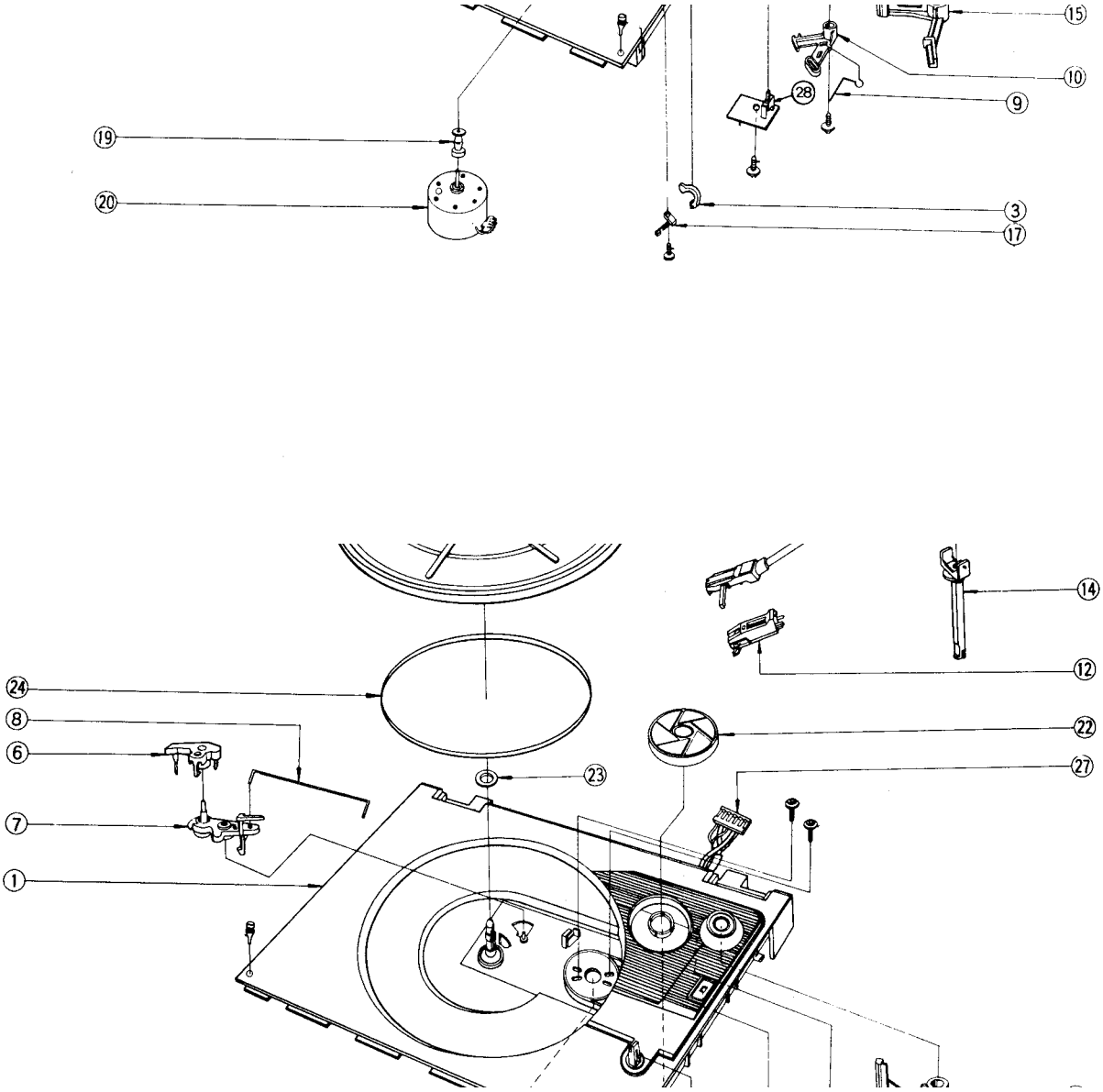


7-5 Turn Table Ass'y

7-5-1 Parts List

No.	Code No.	Description	Specification	Remarks
	AH59-90012W	ASS'Y-T/T	SCM6550	
1	AH81-10019S	CABINET-TOP	PM00010,M13000 TV	
3	AH81-10019T	LOCKER ARM	PM40230,ACETAL	
4	AH81-10019U	HINGE ASS'Y	PA40091	
5	AH63-30005A	COVER-DUST	PM20370,M13000TV	
6	AH81-10019W	PLATE CLUTCH	PM40211,ACETAL	
7	AH81-10019X	GUIDE CLUTCH	PM40221,ACETAL	
8	AH81-10019Y	LINK-ACTUATING	PZ40171,STS	
9	AH81-10019Z	SPRING-ADJUST	PZ40162,STS	
10	AH81-10020A	LEVER-S/W	PM40051,ACETAL	
12	AH81-10020B	CARTRIDGE	CP-405-30	
13	AH81-10020C	TONE ARM ASS'Y	PM20101,ABS	
14	AH81-10020D	HOLDER-ARM	PM40730,ACETAL	
15	AH81-10020E	FEED ARM	PM30151,ACETAL	
17	AH81-10021F	SWITCH-LEAF	LSB61123A3	
19	AH81-10020G	PULLEY-MOTOR	PL40170,MBSBDI	
20	AH81-10020H	MOTOR	SHR2R6I	
22	AH81-10020J	ADAPTER EP	PM40030,ABS	
23	AH81-10020K	SPACER	Ø7.2 X Ø15 X T0.5,PE	
24	AH81-10020L	BELT DRIVING	PP4029, RC-WRT	
25	AH81-10020M	PLATTER	PM20110, M13000TV	
26	AH81-10020N	E-RING	E-6	
28	AH81-10020Q	SLIDE SWITCH	DSS-1123	

7-5-2 Exploded View



8. Electrical Parts List

Location No.	Code No.	Description	Specification	Remarks
	AH59-90164E	SPEAKER-SYSTEM;PS7270E,SCM7270,EXPORT		
AH90-10737H		ASSY-PCB FRONT;SCM7270LCE,10W,		
AH93-10002D		ASSY-FRONT-PCB,MANU;SCM7270LCE,		
	AH39-10002K	POWER CORD;CP2,KLCE-2F,2.15M,5239,VDE		
	AH67-40024A	FILTER-LCD;PC,T0.5,-,-,-,-,WHT,SCM6700		
EYE1	AH59-60001G	MODULE-REMOCON;RC-38S2L,38KHZ,-,-,-,		
FCW1	AH39-30010A	CABLE-IF;-,5264/51088-02,300MM,1365#30		
FCW2	3710-001036	CONNECTOR-SOCKET;28P,1R,1.25MM,STRAIGHT,SN		
FCW3	AH39-20548A	LEAD CONNECTOR-ASSY;-,5264,51088,5P,100MM,1007#26		
FCW5	3708-000451	CONNECTOR-FPC/FC/PIC;16P,1.25MM,STRAIGHT,		
FCW5	3809-000200	CABLE-FLAT;30V,80C,300MM,16P,1.25MM,UL2896		
FU2	3601-000275	FUSE-FERRULE;250V,400MA,TIME LAG,GLASS,5X20		
LAMP1	4713-000158	LAMP-NEON;9V,75MA,0.7W,TRP,3X5.3MM,-,		
LAMP1	AH73-10007A	RUBBER-CAP;SILICON,-,RCD-1650,GRN		
LAMP2	4713-000158	LAMP-NEON;9V,75MA,0.7W,TRP,3X5.3MM,-,		
LAMP2	AH73-10007A	RUBBER-CAP;SILICON,-,RCD-1650,GRN		
LAMP3	4713-000158	LAMP-NEON;9V,75MA,0.7W,TRP,3X5.3MM,-,		
LAMP3	AH73-10007A	RUBBER-CAP;SILICON,-,RCD-1650,GRN		
LAMP4	4713-000158	LAMP-NEON;9V,75MA,0.7W,TRP,3X5.3MM,-,		
LAMP4	AH73-10007A	RUBBER-CAP;SILICON,-,RCD-1650,GRN		
LCD1	AH07-10035C	LCD-PANNEL;-,LE-0727AP,SCM6700,-		
LCD1	AH61-20335A	HOLDER-CD;ABS,94HB,WHT,T1.5,SCM6700,		
LED1	0601-000148	LED;ROUND,GRN,3.1MM,615NM		
LED2	0601-000148	LED;ROUND,GRN,3.1MM,615NM		
LED3	0601-000148	LED;ROUND,GRN,3.1MM,615NM		
P/T1	AH26-80140H	TRANS-POWER;EI60X30,115/230V,60/50HZ,SCM67		
PC1	2201-000520	C-CERAMIC,DISC;4.7NF,+80-20%,400VAC,Y5V,BK,-		
PCW1	3711-000190	CONNECTOR-HEADER;1WALL,2P,1R,7.92MM,STRAIGHT,SN		
PCW2	3711-000898	CONNECTOR-HEADER;BOX,3P,1R,2.5MM,ANGLE,SN		
PL1	AH27-10001F	COIL-CHOKE;27UH,K,Q30,-,-,DR(6.5*7.5),-,-,		
UIC1	AH09-10060Y	IC-MCU;LC72362N-9302,80P,QFP,-		
UIC2	1003-001029	IC-LCD DRIVER;LC75823E,QFP,64P,17.2X17.2,-,3		
UX1	2801-001398	CRYSTAL-UNIT;4.5MHZ,50PPM,28-AAM,12PF,100OH		
	3602-000147	FUSE-CLIP;250V,7.5A,30MOHM		
	3602-000147	FUSE-CLIP;250V,7.5A,30MOHM		
FCW4	3711-001011	CONNECTOR-HEADER;BOX,5P,1R,2.5MM,STRAIGHT,SN		
FU1	3602-000147	FUSE-CLIP;250V,7.5A,30MOHM		
FU2	3602-000147	FUSE-CLIP;250V,7.5A,30MOHM		
AH93-30002R		ASSY-FRONT-COM,TAPG ;SCM7270LCE,10W,		
UC1	2202-000796	C-CERAMIC,MLC-AXIAL;1NF,10%,50V,Y5P,TP,3.5X19,		
UC10	2202-000796	C-CERAMIC,MLC-AXIAL;1NF,10%,50V,Y5P,TP,3.5X19,-		
UC11	2202-000854	C-CERAMIC,MLC-AXIAL;47NF,30%,50V,Y5R,TP,3.5X1.9,-		
UC12	2202-000854	C-CERAMIC,MLC-AXIAL;47NF,30%,50V,Y5R,TP,3.5X1.9,-		
UC13	2201-000273	C-CERAMIC,DISC;18PF,5%,50V,CH,TP,5X3MM,5		
UC14	2201-000273	C-CERAMIC,DISC;18PF,5%,50V,CH,TP,5X3MM,5		
UC15	2409-000123	C-EDL;47000UF,4UA,5.5V,-,BK,-,5MM		

Location No.	Code No.	Description Specification	Remarks
UC16	2401-000419	C-AL;10UF,20%,16V,GP,-,4X7,5	
UC17	2202-000854	C-CERAMIC,MLC-AXIAL;47NF,30%,50V,Y5R,TP,3.5X1.9,-	
UC18	2201-000565	C-CERAMIC,DISC;47nF,20%,50V,Y5V,12.5x4.0mm,5mm,TP	
UC19	2202-000854	C-CERAMIC,MLC-AXIAL;47NF,30%,50V,Y5R,TP,3.5X1.9,-	
UC2	2202-000796	C-CERAMIC,MLC-AXIAL;1NF,10%,50V,Y5P,TP,3.5X19,-	
UC3	2202-000854	C-CERAMIC,MLC-AXIAL;47NF,30%,50V,Y5R,TP,3.5X1.9,-	
UC4	2201-000565	C-CERAMIC,DISC;47nF,20%,50V,Y5V,12.5x4.0mm,5mm,TP	
UC5	2202-000796	C-CERAMIC,MLC-AXIAL;1NF,10%,50V,Y5P,TP,3.5X19,-	
UC6	2202-000854	C-CERAMIC,MLC-AXIAL;47NF,30%,50V,Y5R,TP,3.5X1.9,-	
UC7	2201-000565	C-CERAMIC,DISC;47nF,20%,50V,Y5V,12.5x4.0mm,5mm,TP	
UC8	2202-000854	C-CERAMIC,MLC-AXIAL;47NF,30%,50V,Y5R,TP,3.5X1.9,-	
UC9	2401-001465	C-AL;47UF,20%,10V,GP,-,5X11,2MM	
UD10	0402-000127	DIODE-RECTIFIER;1N4002,100V,1A,DO-41	
UD11	0401-000101	DIODE-SWITCHING;1N4148,100V,200MA,500MW,4NS,DO	
UD12	0401-000101	DIODE-SWITCHING;1N4148,100V,200MA,500MW,4NS,DO	
UD4	0401-000101	DIODE-SWITCHING;1N4148,100V,200MA,500MW,4NS,DO	
UD5	0401-000101	DIODE-SWITCHING;1N4148,100V,200MA,500MW,4NS,DO	
UD7	0401-000101	DIODE-SWITCHING;1N4148,100V,200MA,500MW,4NS,DO	
UD8	0401-000101	DIODE-SWITCHING;1N4148,100V,200MA,500MW,4NS,DO	
UD9	0401-000101	DIODE-SWITCHING;1N4148,100V,200MA,500MW,4NS,DO	
UQ1	0501-000398	TR-SMALL SIGNAL;KSC945,NPN,250MW,TO-92,TP,120-	
UQ2	0501-000303	TR-SMALL SIGNAL;KSA733-Y,PNP,250MW,TO-92,-,120	
UR1	2001-000786	R-CARBON;47KOHM,5%,1/8W,AA,TP,1.8X3.2MM	
UR11	2001-000290	R-CARBON;10KOHM,5%,1/8W,AA,TP,1.8X3.2MM	
UR12	2001-000010	R-CARBON;68KOHM,5%,1/8W,AA,TP,1.8X3.2MM	
UR13	2001-000734	R-CARBON;4.7KOHM,5%,1/8W,AA,TP,1.8X3.2M	
UR14	2001-000734	R-CARBON;4.7KOHM,5%,1/8W,AA,TP,1.8X3.2M	
UR15	2001-000890	R-CARBON;6.8KOHM,5%,1/8W,AA,TP,1.8X3.2M	
UR16	2001-000977	R-CARBON;8.2KOHM,5%,1/8W,AA,TP,1.8X3.2M	
UR17	2001-000290	R-CARBON;10KOHM,5%,1/8W,AA,TP,1.8X3.2MM	
UR18	2001-000331	R-CARBON;12KOHM,5%,1/8W,AA,TP,1.8X3.2MM	
UR19	2001-000522	R-CARBON;22KOHM,5%,1/8W,AA,TP,1.8X3.2MM	
UR2	2001-000786	R-CARBON;47KOHM,5%,1/8W,AA,TP,1.8X3.2MM	
UR20	2001-000734	R-CARBON;4.7KOHM,5%,1/8W,AA,TP,1.8X3.2M	
UR21	2001-000734	R-CARBON;4.7KOHM,5%,1/8W,AA,TP,1.8X3.2M	
UR22	2001-000890	R-CARBON;6.8KOHM,5%,1/8W,AA,TP,1.8X3.2M	
UR23	2001-000977	R-CARBON;8.2KOHM,5%,1/8W,AA,TP,1.8X3.2M	
UR24	2001-000290	R-CARBON;10KOHM,5%,1/8W,AA,TP,1.8X3.2MM	
UR25	2001-000331	R-CARBON;12KOHM,5%,1/8W,AA,TP,1.8X3.2MM	
UR26	2001-000734	R-CARBON;4.7KOHM,5%,1/8W,AA,TP,1.8X3.2M	
UR27	2001-000734	R-CARBON;4.7KOHM,5%,1/8W,AA,TP,1.8X3.2M	
UR28	2001-000890	R-CARBON;6.8KOHM,5%,1/8W,AA,TP,1.8X3.2M	
UR29	2001-000977	R-CARBON;8.2KOHM,5%,1/8W,AA,TP,1.8X3.2M	
UR3	2001-000786	R-CARBON;47KOHM,5%,1/8W,AA,TP,1.8X3.2MM	
UR30	2001-000290	R-CARBON;10KOHM,5%,1/8W,AA,TP,1.8X3.2MM	
UR31	2001-000331	R-CARBON;12KOHM,5%,1/8W,AA,TP,1.8X3.2MM	
UR32	2001-000522	R-CARBON;22KOHM,5%,1/8W,AA,TP,1.8X3.2MM	
UR33	2001-000429	R-CARBON;1KOHM,5%,1/8W,AA,TP,1.8X3.2MM	
UR34	2001-000429	R-CARBON;1KOHM,5%,1/8W,AA,TP,1.8X3.2MM	
UR35	2001-000429	R-CARBON;1KOHM,5%,1/8W,AA,TP,1.8X3.2MM	
UR36	2001-000702	R-CARBON;39KOHM,5%,1/8W,AA,TP,1.8X3.2MM	

Location No.	Code No.	Description Specification	Remarks
UR37	2001-000702	R-CARBON;39KOHM,5%,1/8W,AA,TP,1.8X3.2MM	
UR38	2001-000429	R-CARBON;1KOHM,5%,1/8W,AA,TP,1.8X3.2MM	
UR39	2001-000429	R-CARBON;1KOHM,5%,1/8W,AA,TP,1.8X3.2MM	
UR4	2001-000786	R-CARBON;47KOHM,5%,1/8W,AA,TP,1.8X3.2MM	
UR40	2001-000429	R-CARBON;1KOHM,5%,1/8W,AA,TP,1.8X3.2MM	
UR43	2001-000290	R-CARBON;10KOHM,5%,1/8W,AA,TP,1.8X3.2MM	
UR44	2001-000449	R-CARBON;2.2KOHM,5%,1/8W,AA,TP,1.8X3.2M	
UR45	2001-000515	R-CARBON;220OHM,5%,1/8W,AA,TP,1.8X3.2MM	
UR46	2001-000793	R-CARBON;47OHM,5%,1/8W,AA,TP,1.8X3.2MM	
UR47	2001-000290	R-CARBON;10KOHM,5%,1/8W,AA,TP,1.8X3.2MM	
UR48	2001-000786	R-CARBON;47KOHM,5%,1/8W,AA,TP,1.8X3.2MM	
UR49	2001-000005	R-CARBON;390OHM,5%,1/8W,AA,TP,1.8X3.2MM	
UR5	2001-000786	R-CARBON;47KOHM,5%,1/8W,AA,TP,1.8X3.2MM	
UR50	2001-000273	R-CARBON;100KOHM,5%,1/8W,AA,TP,1.8X3.2M	
UR51	2001-000273	R-CARBON;100KOHM,5%,1/8W,AA,TP,1.8X3.2M	
UR52	2001-000273	R-CARBON;100KOHM,5%,1/8W,AA,TP,1.8X3.2M	
UR53	2001-000734	R-CARBON;4.7KOHM,5%,1/8W,AA,TP,1.8X3.2M	
UR54	2001-000734	R-CARBON;4.7KOHM,5%,1/8W,AA,TP,1.8X3.2M	
UR55	2001-000273	R-CARBON;100KOHM,5%,1/8W,AA,TP,1.8X3.2M	
UR56	2001-000734	R-CARBON;4.7KOHM,5%,1/8W,AA,TP,1.8X3.2M	
UR57	2001-000449	R-CARBON;2.2KOHM,5%,1/8W,AA,TP,1.8X3.2M	
UR58	2001-000449	R-CARBON;2.2KOHM,5%,1/8W,AA,TP,1.8X3.2M	
UR59	2001-000449	R-CARBON;2.2KOHM,5%,1/8W,AA,TP,1.8X3.2M	
UR6	2001-000734	R-CARBON;4.7KOHM,5%,1/8W,AA,TP,1.8X3.2M	
UR60	2001-000449	R-CARBON;2.2KOHM,5%,1/8W,AA,TP,1.8X3.2M	
UR7	2001-000734	R-CARBON;4.7KOHM,5%,1/8W,AA,TP,1.8X3.2M	
UR8	2001-000890	R-CARBON;6.8KOHM,5%,1/8W,AA,TP,1.8X3.2M	
UR9	2001-000977	R-CARBON;8.2KOHM,5%,1/8W,AA,TP,1.8X3.2M	
USW1	3404-000165	SWITCH-TACT;12V,50MA,160GF+-50GF,6X6MM,SPS	
USW10	3404-000165	SWITCH-TACT;12V,50MA,160GF+-50GF,6X6MM,SPS	
USW11	3404-000165	SWITCH-TACT;12V,50MA,160GF+-50GF,6X6MM,SPS	
USW12	3404-000165	SWITCH-TACT;12V,50MA,160GF+-50GF,6X6MM,SPS	
USW13	3404-000165	SWITCH-TACT;12V,50MA,160GF+-50GF,6X6MM,SPS	
USW14	3404-000165	SWITCH-TACT;12V,50MA,160GF+-50GF,6X6MM,SPS	
USW15	3404-000165	SWITCH-TACT;12V,50MA,160GF+-50GF,6X6MM,SPS	
USW16	3404-000165	SWITCH-TACT;12V,50MA,160GF+-50GF,6X6MM,SPS	
USW17	3404-000165	SWITCH-TACT;12V,50MA,160GF+-50GF,6X6MM,SPS	
USW18	3404-000165	SWITCH-TACT;12V,50MA,160GF+-50GF,6X6MM,SPS	
USW19	3404-000165	SWITCH-TACT;12V,50MA,160GF+-50GF,6X6MM,SPS	
USW2	3404-000165	SWITCH-TACT;12V,50MA,160GF+-50GF,6X6MM,SPS	
USW20	3404-000165	SWITCH-TACT;12V,50MA,160GF+-50GF,6X6MM,SPS	
USW21	3404-000165	SWITCH-TACT;12V,50MA,160GF+-50GF,6X6MM,SPS	
USW22	3404-000165	SWITCH-TACT;12V,50MA,160GF+-50GF,6X6MM,SPS	
USW23	3404-000165	SWITCH-TACT;12V,50MA,160GF+-50GF,6X6MM,SPS	
USW24	3404-000165	SWITCH-TACT;12V,50MA,160GF+-50GF,6X6MM,SPS	
USW25	3404-000165	SWITCH-TACT;12V,50MA,160GF+-50GF,6X6MM,SPS	
USW26	3404-000165	SWITCH-TACT;12V,50MA,160GF+-50GF,6X6MM,SPS	
USW27	3404-000165	SWITCH-TACT;12V,50MA,160GF+-50GF,6X6MM,SPS	
USW28	3404-000165	SWITCH-TACT;12V,50MA,160GF+-50GF,6X6MM,SPS	
USW29	3404-000165	SWITCH-TACT;12V,50MA,160GF+-50GF,6X6MM,SPS	
USW3	3404-000165	SWITCH-TACT;12V,50MA,160GF+-50GF,6X6MM,SPS	

Location No.	Code No.	Description	Specification	Remarks
USW30	3404-000165	SWITCH-TACT;12V,50MA,160GF+-50GF,6X6MM,SPS		
USW4	3404-000165	SWITCH-TACT;12V,50MA,160GF+-50GF,6X6MM,SPS		
USW5	3404-000165	SWITCH-TACT;12V,50MA,160GF+-50GF,6X6MM,SPS		
USW6	3404-000165	SWITCH-TACT;12V,50MA,160GF+-50GF,6X6MM,SPS		
USW7	3404-000165	SWITCH-TACT;12V,50MA,160GF+-50GF,6X6MM,SPS		
USW8	3404-000165	SWITCH-TACT;12V,50MA,160GF+-50GF,6X6MM,SPS		
USW9	3404-000165	SWITCH-TACT;12V,50MA,160GF+-50GF,6X6MM,SPS		
AH90-10737J		ASSY-PCB AMP;SCM7270LCE,10W,POWER,AMP		
AH93-10001U		ASSY-POWER AMP,MANU;SCM7270LCE,10W,		
ACON1	AH39-20559P	LEAD CONNECTOR-ASSY;-,5264,51088,11P,200MM,1007#26		
AIC1	1201-000343	IC-POWER AMP;4620,DIP,24P,-,DUAL,46V/MV,PLA		
AIC1	AH62-30110B	HEAT SINK-MAIN TR;-,AL6063,-,T6.5,-,WHT,-,SCM727		
AC01	2401-001895	C-AL;100UF,20%,16V,GP,BK,6.3X11MM,2		
AC02	2301-000430	C-FILM,PEF;33NF,10%,50V,TP,7.5X11X4MM,5MM		
AC03	2401-001895	C-AL;100UF,20%,16V,GP,BK,6.3X11MM,2		
AC04	2301-000430	C-FILM,PEF;33NF,10%,50V,TP,7.5X11X4MM,5MM		
AC05	2401-000907	C-AL;22UF,20%,16V,GP,-,5X11,2MM		
AC06	2401-001895	C-AL;100UF,20%,16V,GP,BK,6.3X11MM,2		
AC08	2301-000373	C-FILM,PEF;100NF,10%,50V,TP,11X12.5X6.5,7		
AC09	2401-001895	C-AL;100UF,20%,16V,GP,BK,6.3X11MM,2		
AC11	2401-001912	C-AL;1UF,20%,50V,GP,BK,5X11MM,2MM		
AC51	2401-001895	C-AL;100UF,20%,16V,GP,BK,6.3X11MM,2		
AC52	2301-000430	C-FILM,PEF;33NF,10%,50V,TP,7.5X11X4MM,5MM		
AC53	2401-001895	C-AL;100UF,20%,16V,GP,BK,6.3X11MM,2		
AC54	2301-000430	C-FILM,PEF;33NF,10%,50V,TP,7.5X11X4MM,5MM		
AC58	2301-000373	C-FILM,PEF;100NF,10%,50V,TP,11X12.5X6.5,7		
AC59	2401-001895	C-AL;100UF,20%,16V,GP,BK,6.3X11MM,2		
AC61	2401-001912	C-AL;1UF,20%,50V,GP,BK,5X11MM,2MM		
AR01	2001-000456	R-CARBON;2.2OHM,5%,1/4W,AA,TP,2.4X6.4MM		
AR02	2001-000456	R-CARBON;2.2OHM,5%,1/4W,AA,TP,2.4X6.4MM		
AR03	2001-000429	R-CARBON;1KOHM,5%,1/8W,AA,TP,1.8X3.2MM		
AR04	2001-000802	R-CARBON;5.6KOHM,5%,1/8W,AA,TP,1.8X3.2M		
AR51	2001-000456	R-CARBON;2.2OHM,5%,1/4W,AA,TP,2.4X6.4MM		
AR52	2001-000456	R-CARBON;2.2OHM,5%,1/4W,AA,TP,2.4X6.4MM		
AR53	2001-000429	R-CARBON;1KOHM,5%,1/8W,AA,TP,1.8X3.2MM		
AR53	2001-000802	R-CARBON;5.6KOHM,5%,1/8W,AA,TP,1.8X3.2M		
AH90-10737K		ASSY-PCB;SCM7270LCE,10W,FM ANT	S.N.A	
AH93-10001T		ASSY-MAIN,MANU;SCM7270LCE,10W,		
	3711-000629	CONNECTOR-HEADER;BOX,11P,1R,2.5MM,STRAIGHT,SN		
	AH62-30061A	HEAT SINK-S;AL,EXTR,WHT,40H,AV330R,-,-,-		
AC608	2401-001396	C-AL;470UF,20%,25V,GP,TP,10X16MM,5M		
AC609	2401-001925	C-AL;2200UF,20%,25V,GP,BK,16X26,7.5		
AJ1	3716-000209	TERMINAL-BLOCK;,-,-,60V,7A		
AJ2	3722-000143	JACK-PHONE;1P,3.4MM,MBAG,BLACK,-		
FCON1	3711-000820	CONNECTOR-HEADER;BOX,2P,1R,2.5MM,STRAIGHT,SN		
FEP1	AH40-10001U	TUNER;FE337-A05,-,75OHM		
FJ1	3716-000201	TERMINAL-BLOCK;NON SOLDER,4P,4MM,-,		
ICF4	2802-000215	RESONATOR-CERAMIC;19KHZ,+-38HZ,-,7.0X3.5X9.0MM		
ICF5	2903-000148	FILTER-CERAMIC;BP,450KHZ+-1KHZ,-,6DB,-,BK,-		

Location No.	Code No.	Description Specification	Remarks
IIC1	AH14-10002D	IC;LA1851N,-,	
IT1	AH26-10001C	TRANS-IF;KS940228-10,FM,-,7.6X12.0,-,-,BULK,	
IT2	AH26-10001E	TRANS-IF;KS940228-09,-,-,7.6X12.0,-,450KHZ,BULK,	
JIC1	1201-000358	IC-PREAMP;22291,DIP,24P,-,DUAL,-,PLASTIC	
KLF401	AH26-10002Y	COIL-TRAP;FB875-85A,BIAS-TRAP,35DB,8.0,180PF,85KHZ	
KLF451	AH26-10002Y	COIL-TRAP;FB875-85A,BIAS-TRAP,35DB,8.0,180PF,85KHZ	
KT431	AH26-10002G	TRANS-IF;IODT-N5002,BIAS-OSC,3.7MH,7.6X12.0,L6/10.	
OL1	AH26-10003A	COIL-TRAP;KS940228-13,MW-ANT,250UH,10*10,-,796KHZ,	
OL2	AH26-10002F	TRANS-IF;KS940228-11,LW,2.4MH,7.6X12.0,10*10,-,BUL	
OT1	AH26-10001K	TRANS-IF;KS940228-02,-,110UH,7.6X12.0,-,796KHZ,BUL	
OT2	AH26-10001J	TRANS-IF;KS940228-01,-,300UH,7.6X12.0,-,220KHZ,BUL	
OTC1	2502-000127	C-CERAMIC TRIMMER;20-4.6PF,+50-0%,100V	
OTC2	2502-000127	C-CERAMIC TRIMMER;20-4.6PF,+50-0%,100V	
OTC3	2502-000127	C-CERAMIC TRIMMER;20-4.6PF,+50-0%,100V	
OTC4	2502-000127	C-CERAMIC TRIMMER;20-4.6PF,+50-0%,100V	
OVD1	0405-000138	DIODE-VARACTOR;KV1236,20V,100NA,TO-92SX2,B	
QIC1	1204-001031	IC-VOLUME CONTROL;LC75394E,QFP,64P,17.2MIL,PLAST	
RC701	2401-001052	C-AL;3300UF,20%,25V,GP,-,16X31.5,7.	
RC714	2201-000161	C-CERAMIC,DISC;10NF,+80-20%,500V,Y5V,TP,13.5X	
RC715	2201-000161	C-CERAMIC,DISC;10NF,+80-20%,500V,Y5V,TP,13.5X	
RC716	2201-000161	C-CERAMIC,DISC;10NF,+80-20%,500V,Y5V,TP,13.5X	
RC717	2201-000161	C-CERAMIC,DISC;10NF,+80-20%,500V,Y5V,TP,13.5X	
RCW1	AH39-20008Y	LEAD-CONNECTOR ASS'Y;5264,5395,3P,250MM,1061#26	
RD701	0402-000450	DIODE-BRIDGE;PBL403,200V,4.0A,DIP-4	
RIC1	1203-000276	IC-POSI.FIXED REG.;7805,TO-220,3P,-,PLASTIC,4.8/5	
RQ701	0502-000303	TR-POWER;KSD882,NPN,1W,TO-126,TP,160-32	
RQ704	0502-000303	TR-POWER;KSD882,NPN,1W,TO-126,TP,160-32	
RQ705	0502-000407	TR-POWER;KTC4369Y,NPN,15W,TO-220,BK,120	
RQ705	AH62-30107B	HEAT SINK;-,AL,-,T6.0,-,WHT,-,MM16/DOM	
SCON1	3711-003080	CONNECTOR-HEADER;NOWALL,28P,1R,1.25MM,ANGLE,SN	
UC901	2401-000129	C-AL;1000UF,20%,16V,GP,-,10X16MM,5	
UCW901	AH39-20547A	LEAD CONNECTOR-ASSY;-,51004,5295,8P,250MM,1007#28	
UQ901	0502-000299	TR-POWER;KSD73,NPN,30W,TO-220,BK,120-24	
AH93-30001Y	ASSY-MAIN,AUTO;SCM7270LCE,10W		S.N.A
AC602	2202-000848	C-CERAMIC,MLC-AXIAL;1.5NF,30%,50V,Y5S,TP,3.5X1.9,-	
AC608	2401-000303	C-AL;100UF,20%,25V,GP,TP,6.3X11,2.5	
AC611	2401-001975	C-AL;47UF,20%,16V,GP,TP,5X11MM,5	
AC612	2401-001552	C-AL;47UF,20%,35V,GP,-,6.3X11,2.5MM	
AC652	2202-000848	C-CERAMIC,MLC-AXIAL;1.5NF,30%,50V,Y5S,TP,3.5X1.9,-	
AL602	2701-000114	INDUCTOR-AXIAL;10UH,10%,2.5X3.4MM	
AL603	2701-000114	INDUCTOR-AXIAL;10UH,10%,2.5X3.4MM	
AL652	2701-000114	INDUCTOR-AXIAL;10UH,10%,2.5X3.4MM	
AQ601	0501-000398	TR-SMALL SIGNAL;KSC945,NPN,250MW,TO-92,TP,120-	
AQ603	0501-000398	TR-SMALL SIGNAL;KSC945,NPN,250MW,TO-92,TP,120-	
AQ651	0501-000398	TR-SMALL SIGNAL;KSC945,NPN,250MW,TO-92,TP,120-	
AR601	2001-000449	R-CARBON;2.2KOHM,5%,1/8W,AA,TP,1.8X3.2M	
AR605	2001-000449	R-CARBON;2.2KOHM,5%,1/8W,AA,TP,1.8X3.2M	
AR606	2001-000552	R-CARBON;270OHM,5%,1/4W,AA,TP,2.4X6.4MM	
AR607	2001-000525	R-CARBON;22OHM,5%,1/4W,AA,TP,2.4X6.4MM	
AR656	2001-000552	R-CARBON;270OHM,5%,1/4W,AA,TP,2.4X6.4MM	

Location No.	Code No.	Description Specification	Remarks
CC7	2201-000652	C-CERAMIC,DISC;68PF,5%,50V,RH,TP,6.5X3,5	
OC7	2001-000802	R-CARBON;5.6KOHM,5%,1/8W,AA,TP,1.8X3.2M	
CC801	2201-000565	C-CERAMIC,DISC;47nF,20%,50V,Y5V,12.5x4.0mm,5mm,TP	
CC802	2401-001938	C-AL;22UF,20%,25V,GP,BK,5X11MM,2MM	
CC803	2401-001938	C-AL;22UF,20%,25V,GP,BK,5X11MM,2MM	
CC804	2401-001938	C-AL;22UF,20%,25V,GP,BK,5X11MM,2MM	
CC806	2401-001975	C-AL;47UF,20%,16V,GP,TP,5X11MM,5	
CCON80	3711-000588	CONNECTOR-HEADER;BOX,10P,1R,2.5MM,STRAIGHT,SN	
CD801	0401-000101	DIODE-SWITCHING;1N4148,100V,200MA,500MW,4NS,DO	
CD802	0401-000101	DIODE-SWITCHING;1N4148,100V,200MA,500MW,4NS,DO	
CD803	0401-000101	DIODE-SWITCHING;1N4148,100V,200MA,500MW,4NS,DO	
CD804	0401-000101	DIODE-SWITCHING;1N4148,100V,200MA,500MW,4NS,DO	
CD805	0401-000101	DIODE-SWITCHING;1N4148,100V,200MA,500MW,4NS,DO	
CD806	0401-000101	DIODE-SWITCHING;1N4148,100V,200MA,500MW,4NS,DO	
CD807	0401-000101	DIODE-SWITCHING;1N4148,100V,200MA,500MW,4NS,DO	
CD808	0401-000101	DIODE-SWITCHING;1N4148,100V,200MA,500MW,4NS,DO	
CD809	0401-000101	DIODE-SWITCHING;1N4148,100V,200MA,500MW,4NS,DO	
CD810	0401-000101	DIODE-SWITCHING;1N4148,100V,200MA,500MW,4NS,DO	
CD811	0401-000101	DIODE-SWITCHING;1N4148,100V,200MA,500MW,4NS,DO	
CD812	0401-000101	DIODE-SWITCHING;1N4148,100V,200MA,500MW,4NS,DO	
CD850	0401-000101	DIODE-SWITCHING;1N4148,100V,200MA,500MW,4NS,DO	
CQ801	0501-000303	TR-SMALL SIGNAL;KSA733-Y,PNP,250MW,TO-92,-,120	
CQ802	0501-000303	TR-SMALL SIGNAL;KSA733-Y,PNP,250MW,TO-92,-,120	
CQ803	0501-000398	TR-SMALL SIGNAL;KSC945,NPN,250MW,TO-92,TP,120-	
CQ805	0501-000294	TR-SMALL SIGNAL;KSA708-Y,PNP,800MW,TO-92,TP,12	
CQ806	0501-000010	TR-SMALL SIGNAL;KSC1008-Y,NPN,80V,60V,700MA,80	
CQ808	0501-000294	TR-SMALL SIGNAL;KSA708-Y,PNP,800MW,TO-92,TP,12	
CR801	2001-000857	R-CARBON;560OHM,5%,1/8W,AA,TP,1.8X3.2MM	
CR802	2001-000429	R-CARBON;1KOHM,5%,1/8W,AA,TP,1.8X3.2MM	
CR803	2001-000802	R-CARBON;5.6KOHM,5%,1/8W,AA,TP,1.8X3.2M	
CR804	2001-000689	R-CARBON;390KOHM,5%,1/8W,AA,TP,1.8X3.2M	
CR805	2001-000802	R-CARBON;5.6KOHM,5%,1/8W,AA,TP,1.8X3.2M	
CR816	2001-000290	R-CARBON;10KOHM,5%,1/8W,AA,TP,1.8X3.2MM	
CR817	2001-000522	R-CARBON;22KOHM,5%,1/8W,AA,TP,1.8X3.2MM	
CR818	2001-000522	R-CARBON;22KOHM,5%,1/8W,AA,TP,1.8X3.2MM	
CR819	2001-000522	R-CARBON;22KOHM,5%,1/8W,AA,TP,1.8X3.2MM	
CR821	2001-000290	R-CARBON;10KOHM,5%,1/8W,AA,TP,1.8X3.2MM	
CR822	2001-000290	R-CARBON;10KOHM,5%,1/8W,AA,TP,1.8X3.2MM	
CR823	2001-000290	R-CARBON;10KOHM,5%,1/8W,AA,TP,1.8X3.2MM	
CR824	2001-000290	R-CARBON;10KOHM,5%,1/8W,AA,TP,1.8X3.2MM	
CR825	2001-000449	R-CARBON;2.2KOHM,5%,1/8W,AA,TP,1.8X3.2M	
CR826	2001-000290	R-CARBON;10KOHM,5%,1/8W,AA,TP,1.8X3.2MM	
CR827	2001-000449	R-CARBON;2.2KOHM,5%,1/8W,AA,TP,1.8X3.2M	
CR828	2001-000449	R-CARBON;2.2KOHM,5%,1/8W,AA,TP,1.8X3.2M	
CR829	2001-000734	R-CARBON;4.7KOHM,5%,1/8W,AA,TP,1.8X3.2M	
CR830	2001-000273	R-CARBON;100KOHM,5%,1/8W,AA,TP,1.8X3.2M	
CR831	2001-000977	R-CARBON;8.2KOHM,5%,1/8W,AA,TP,1.8X3.2M	
CR850	2001-000290	R-CARBON;10KOHM,5%,1/8W,AA,TP,1.8X3.2MM	
CR851	2001-000429	R-CARBON;1KOHM,5%,1/8W,AA,TP,1.8X3.2MM	
CSVR80	2103-000492	VR-SEMI;5KOHM,30%,1/10W,TOP	
ED1	0401-000101	DIODE-SWITCHING;1N4148,100V,200MA,500MW,4NS,DO	

Location No.	Code No.	Description Specification	Remarks
ED2	0401-000101	DIODE-SWITCHING;1N4148,100V,200MA,500MW,4NS,DO	
FC1	2201-000565	C-CERAMIC,DISC;47nF,20%,50V,Y5V,12.5x4.0mm,5mm,TP	
FC2	2201-000565	C-CERAMIC,DISC;47nF,20%,50V,Y5V,12.5x4.0mm,5mm,TP	
FC3	2201-000146	C-CERAMIC,DISC;100PF,5%,50V,SL,TP,5X3,5	
FC4	2202-000854	C-CERAMIC,MLC-AXIAL;47NF,30%,50V,Y5R,TP,3.5X1.9,-	
FD1	0401-000101	DIODE-SWITCHING;1N4148,100V,200MA,500MW,4NS,DO	
FD2	0401-000101	DIODE-SWITCHING;1N4148,100V,200MA,500MW,4NS,DO	
FR5	2001-000817	R-CARBON;5.6OHM,5%,1/8W,AA,TP,1.8X3.2MM	
FR6	2001-000802	R-CARBON;5.6KOHM,5%,1/8W,AA,TP,1.8X3.2M	
FTZ5	2202-000796	C-CERAMIC,MLC-AXIAL;1NF,10%,50V,Y5P,TP,3.5X19,-	
FTZ6	2202-000796	C-CERAMIC,MLC-AXIAL;1NF,10%,50V,Y5P,TP,3.5X19,-	
IC1	2202-000807	C-CERAMIC,MLC-AXIAL;22NF,+80-20%,25V,Y5V,TP,3.5X19	
IC10	2202-000781	C-CERAMIC,MLC-AXIAL;100PF,10%,50V,Y5P,TP,3.5X19,-	
IC11	2401-001912	C-AL;1UF,20%,50V,GP,BK,5X11MM,2MM	
IC12	2401-001022	C-AL;3.3UF,20%,50V,GP,-,5X11,2MM	
IC13	2401-001912	C-AL;1UF,20%,50V,GP,BK,5X11MM,2MM	
IC14	2201-000565	C-CERAMIC,DISC;47nF,20%,50V,Y5V,12.5x4.0mm,5mm,TP	
IC15	2401-000419	C-AL;10UF,20%,16V,GP,-,4X7,5	
IC17	2401-001895	C-AL;100UF,20%,16V,GP,BK,6.3X11MM,2	
IC18	2401-000419	C-AL;10UF,20%,16V,GP,-,4X7,5	
IC19	2202-000781	C-CERAMIC,MLC-AXIAL;100PF,10%,50V,Y5P,TP,3.5X19,-	
IC2	2202-000854	C-CERAMIC,MLC-AXIAL;47NF,30%,50V,Y5R,TP,3.5X1.9,-	
IC20	2202-000807	C-CERAMIC,MLC-AXIAL;22NF,+80-20%,25V,Y5V,TP,3.5X19	
IC21	2202-000807	C-CERAMIC,MLC-AXIAL;22NF,+80-20%,25V,Y5V,TP,3.5X19	
IC22	2202-000781	C-CERAMIC,MLC-AXIAL;100PF,10%,50V,Y5P,TP,3.5X19,-	
IC23	2202-000796	C-CERAMIC,MLC-AXIAL;1NF,10%,50V,Y5P,TP,3.5X19,-	
IC24	2301-000412	C-FILM,PEF;22NF,10%,50V,TP,6.5X10.5X4MM,5	
IC25	2301-000412	C-FILM,PEF;22NF,10%,50V,TP,6.5X10.5X4MM,5	
IC26	2401-001912	C-AL;1UF,20%,50V,GP,BK,5X11MM,2MM	
IC27	2401-001912	C-AL;1UF,20%,50V,GP,BK,5X11MM,2MM	
IC28	2202-000854	C-CERAMIC,MLC-AXIAL;47NF,30%,50V,Y5R,TP,3.5X1.9,-	
IC29	2401-001895	C-AL;100UF,20%,16V,GP,BK,6.3X11MM,2	
IC3	2201-000565	C-CERAMIC,DISC;47nF,20%,50V,Y5V,12.5x4.0mm,5mm,TP	
IC33	2202-000854	C-CERAMIC,MLC-AXIAL;47NF,30%,50V,Y5R,TP,3.5X1.9,-	
IC34	2401-001895	C-AL;100UF,20%,16V,GP,BK,6.3X11MM,2	
IC35	2401-001102	C-AL;330UF,20%,16V,GP,TP,8X12,5	
IC5	2401-001912	C-AL;1UF,20%,50V,GP,BK,5X11MM,2MM	
IC6	2301-000422	C-FILM,PEF;3.3NF,10%,50V,TP,5.5X7X3MM,5MM	
IC7	2301-000393	C-FILM,PEF;18NF,10%,50V,TP,6.5X12.5X3.5MM	
IC8	2202-000781	C-CERAMIC,MLC-AXIAL;100PF,10%,50V,Y5P,TP,3.5X19,-	
IC9	2401-000419	C-AL;10UF,20%,16V,GP,-,4X7,5	
ICF1	2903-000105	FILTER-CERAMIC;BP,10.7MHZ+-25KHZ,180KHZ+-50KH	
ICF2	2903-000105	FILTER-CERAMIC;BP,10.7MHZ+-25KHZ,180KHZ+-50KH	
ID1	0401-000101	DIODE-SWITCHING;1N4148,100V,200MA,500MW,4NS,DO	
ID2	0401-000101	DIODE-SWITCHING;1N4148,100V,200MA,500MW,4NS,DO	
IL1	2701-000116	INDUCTOR-AXIAL;10UH,10%,4.2X9.8MM	
IQ1	0501-000392	TR-SMALL SIGNAL;KSC838-O,NPN,250MW,TO-92,-,70-	
IQ2	0501-000303	TR-SMALL SIGNAL;KSA733-Y,PNP,250MW,TO-92,-,120	
IQ3	0504-001003	TR-DIGITAL;KSR2003,PNP,300MW,22K-22K,TO-9	
IQ4	0504-000118	TR-DIGITAL;KSR1003,NPN,300MW,22K-22K,TO-9	
IR1	2001-000449	R-CARBON;2.2KOHM,5%,1/8W,AA,TP,1.8X3.2M	

Location No.	Code No.	Description Specification	Remarks
IR10	2001-000802	R-CARBON;5.6KOHM,5%,1/8W,AA,TP,1.8X3.2M	
IR11	2001-000290	R-CARBON;10KOHM,5%,1/8W,AA,TP,1.8X3.2MM	
IR12	2001-000290	R-CARBON;10KOHM,5%,1/8W,AA,TP,1.8X3.2MM	
IR13	2001-000563	R-CARBON;27KOHM,5%,1/8W,AA,TP,1.8X3.2MM	
IR14	2001-000563	R-CARBON;27KOHM,5%,1/8W,AA,TP,1.8X3.2MM	
IR15	2001-000734	R-CARBON;4.7KOHM,5%,1/8W,AA,TP,1.8X3.2M	
IR16	2001-000734	R-CARBON;4.7KOHM,5%,1/8W,AA,TP,1.8X3.2M	
IR17	2001-000563	R-CARBON;27KOHM,5%,1/8W,AA,TP,1.8X3.2MM	
IR18	2001-000563	R-CARBON;27KOHM,5%,1/8W,AA,TP,1.8X3.2MM	
IR19	2001-000591	R-CARBON;3.3KOHM,5%,1/8W,AA,TP,1.8X3.2M	
IR2	2001-000005	R-CARBON;390OHM,5%,1/8W,AA,TP,1.8X3.2MM	
IR20	2001-000591	R-CARBON;3.3KOHM,5%,1/8W,AA,TP,1.8X3.2M	
IR21	2001-000548	R-CARBON;270KOHM,5%,1/8W,AA,TP,1.8X3.2M	
IR22	2001-000449	R-CARBON;2.2KOHM,5%,1/8W,AA,TP,1.8X3.2M	
IR23	2001-000449	R-CARBON;2.2KOHM,5%,1/8W,AA,TP,1.8X3.2M	
IR25	2001-000802	R-CARBON;5.6KOHM,5%,1/8W,AA,TP,1.8X3.2M	
IR26	2001-000802	R-CARBON;5.6KOHM,5%,1/8W,AA,TP,1.8X3.2M	
IR27	2001-000802	R-CARBON;5.6KOHM,5%,1/8W,AA,TP,1.8X3.2M	
IR3	2001-000003	R-CARBON;330OHM,5%,1/8W,AA,TP,1.8X3.2MM	
IR30	2001-000977	R-CARBON;8.2KOHM,5%,1/8W,AA,TP,1.8X3.2M	
IR31	2001-000525	R-CARBON;22OHM,5%,1/4W,AA,TP,2.4X6.4MM	
IR32	2001-000281	R-CARBON;100OHM,5%,1/8W,AA,TP,1.8X3.2MM	
IR4	2001-000660	R-CARBON;33KOHM,5%,1/8W,AA,TP,1.8X3.2MM	
IR4	2001-000666	R-CARBON;33OHM,5%,1/8W,AA,TP,1.8X3.2MM	
IR5	2001-000515	R-CARBON;220OHM,5%,1/8W,AA,TP,1.8X3.2MM	
IR7	2001-000802	R-CARBON;5.6KOHM,5%,1/8W,AA,TP,1.8X3.2M	
IR8	2001-000429	R-CARBON;1KOHM,5%,1/8W,AA,TP,1.8X3.2MM	
IR9	2001-000591	R-CARBON;3.3KOHM,5%,1/8W,AA,TP,1.8X3.2M	
ISVR1	2103-000461	VR-SEMI;50KOHM,30%,1/10W,TOP	
ISVR2	2103-000492	VR-SEMI;5KOHM,30%,1/10W,TOP	
JC301	2202-000847	C-CERAMIC,MLC-AXIAL;1,8NF,30%,50V,Y5S,TP,3.5X1.9	
JC302	2202-000847	C-CERAMIC,MLC-AXIAL;1,8NF,30%,50V,Y5S,TP,3.5X1.9	
JC303	2401-001975	C-AL;47UF,20%,16V,GP,TP,5X11MM,5	
JC304	2202-000781	C-CERAMIC,MLC-AXIAL;100PF,10%,50V,Y5P,TP,3.5X19,-	
JC305	2202-000781	C-CERAMIC,MLC-AXIAL;100PF,10%,50V,Y5P,TP,3.5X19,-	
JC306	2301-000393	C-FILM,PEF;18NF,10%,50V,TP,6.5X12.5X3.5MM	
JC307	2202-000853	C-CERAMIC,MLC-AXIAL;4.7NF,30%,16V,Y5R,TP,3.5X1.9,-	
JC308	2301-000433	C-FILM,PEF;33NF,5%,50V,TP,7.5X11X4MM,5MM	
JC309	2202-000809	C-CERAMIC,MLC-AXIAL;3.3NF,20%,16V,Y5R,TP,3.5X19,-	
JC310	2401-001022	C-AL;3.3UF,20%,50V,GP,-,5X11,2MM	
JC311	2401-001355	C-AL;470UF,20%,10V,GP,-,8X11.5,5MM	
JC312	2202-000797	C-CERAMIC,MLC-AXIAL;10NF,30%,16V,Y5P,TP,3.5X19,-	
JC313	2401-000795	C-AL;220UF,20%,16V,GP,-,8X11.5,3.5M	
JC351	2202-000847	C-CERAMIC,MLC-AXIAL;1,8NF,30%,50V,Y5S,TP,3.5X1.9	
JC352	2202-000847	C-CERAMIC,MLC-AXIAL;1,8NF,30%,50V,Y5S,TP,3.5X1.9	
JC353	2401-001975	C-AL;47UF,20%,16V,GP,TP,5X11MM,5	
JC354	2202-000781	C-CERAMIC,MLC-AXIAL;100PF,10%,50V,Y5P,TP,3.5X19,-	
JC355	2202-000781	C-CERAMIC,MLC-AXIAL;100PF,10%,50V,Y5P,TP,3.5X19,-	
JC356	2301-000393	C-FILM,PEF;18NF,10%,50V,TP,6.5X12.5X3.5MM	
JC357	2202-000853	C-CERAMIC,MLC-AXIAL;4.7NF,30%,16V,Y5R,TP,3.5X1.9,-	
JC358	2301-000433	C-FILM,PEF;33NF,5%,50V,TP,7.5X11X4MM,5MM	

Location No.	Code No.	Description Specification	Remarks
JC359	2202-000809	C-CERAMIC,MLC-AXIAL;3.3NF,20%,16V,Y5R,TP,3.5X19,-	
JC360	2401-001022	C-AL;3.3UF,20%,50V,GP,-,5X11,2MM	
JCON30	3711-000903	CONNECTOR-HEADER;BOX,3P,1R,2.5MM,STRAIGHT,SN	
JCON30	3711-003110	CONNECTOR-HEADER;BOX,4P,1R,2.5MM,STRAIGHT,SN	
JQ301	0501-000010	TR-SMALL SIGNAL;KSC1008-Y,NPN,80V,60V,700MA,80	
JQ302	0501-000010	TR-SMALL SIGNAL;KSC1008-Y,NPN,80V,60V,700MA,80	
JQ304	0504-000121	TR-DIGITAL;KSR1007,NPN,300MW,22K-47K,TO-9	
JQ351	0501-000010	TR-SMALL SIGNAL;KSC1008-Y,NPN,80V,60V,700MA,80	
JQ352	0501-000010	TR-SMALL SIGNAL;KSC1008-Y,NPN,80V,60V,700MA,80	
JQ354	0504-000121	TR-DIGITAL;KSR1007,NPN,300MW,22K-47K,TO-9	
JR301	2001-000802	R-CARBON;5.6KOHM,5%,1/8W,AA,TP,1.8X3.2M	
JR302	2001-000802	R-CARBON;5.6KOHM,5%,1/8W,AA,TP,1.8X3.2M	
JR303	2001-000429	R-CARBON;1KOHM,5%,1/8W,AA,TP,1.8X3.2MM	
JR304	2001-000429	R-CARBON;1KOHM,5%,1/8W,AA,TP,1.8X3.2MM	
JR305	2001-000890	R-CARBON;6.8KOHM,5%,1/8W,AA,TP,1.8X3.2M	
JR306	2001-000508	R-CARBON;220KOHM,5%,1/8W,AA,TP,1.8X3.2M	
JR307	2001-000793	R-CARBON;47OHM,5%,1/8W,AA,TP,1.8X3.2MM	
JR308	2001-000613	R-CARBON;3.9KOHM,5%,1/8W,AA,TP,1.8X3.2M	
JR309	2001-000591	R-CARBON;3.3KOHM,5%,1/8W,AA,TP,1.8X3.2M	
JR310	2001-000429	R-CARBON;1KOHM,5%,1/8W,AA,TP,1.8X3.2MM	
JR311	2001-000734	R-CARBON;4.7KOHM,5%,1/8W,AA,TP,1.8X3.2M	
JR312	2001-000290	R-CARBON;10KOHM,5%,1/8W,AA,TP,1.8X3.2MM	
JR313	2001-000522	R-CARBON;22KOHM,5%,1/8W,AA,TP,1.8X3.2MM	
JR314	2001-000362	R-CARBON;150OHM,5%,1/8W,AA,TP,1.8X3.2MM	
JR315	2001-000290	R-CARBON;10KOHM,5%,1/8W,AA,TP,1.8X3.2MM	
JR321	2001-000290	R-CARBON;10KOHM,5%,1/8W,AA,TP,1.8X3.2MM	
JR322	2001-000613	R-CARBON;3.9KOHM,5%,1/8W,AA,TP,1.8X3.2M	
JR323	2001-000508	R-CARBON;220KOHM,5%,1/8W,AA,TP,1.8X3.2M	
JR351	2001-000802	R-CARBON;5.6KOHM,5%,1/8W,AA,TP,1.8X3.2M	
JR352	2001-000802	R-CARBON;5.6KOHM,5%,1/8W,AA,TP,1.8X3.2M	
JR353	2001-000429	R-CARBON;1KOHM,5%,1/8W,AA,TP,1.8X3.2MM	
JR354	2001-000429	R-CARBON;1KOHM,5%,1/8W,AA,TP,1.8X3.2MM	
JR355	2001-000890	R-CARBON;6.8KOHM,5%,1/8W,AA,TP,1.8X3.2M	
JR356	2001-000508	R-CARBON;220KOHM,5%,1/8W,AA,TP,1.8X3.2M	
JR357	2001-000793	R-CARBON;47OHM,5%,1/8W,AA,TP,1.8X3.2MM	
JR358	2001-000613	R-CARBON;3.9KOHM,5%,1/8W,AA,TP,1.8X3.2M	
JR359	2001-000591	R-CARBON;3.3KOHM,5%,1/8W,AA,TP,1.8X3.2M	
JR371	2001-000290	R-CARBON;10KOHM,5%,1/8W,AA,TP,1.8X3.2MM	
JR372	2001-000734	R-CARBON;4.7KOHM,5%,1/8W,AA,TP,1.8X3.2M	
JR373	2001-000508	R-CARBON;220KOHM,5%,1/8W,AA,TP,1.8X3.2M	
JW64	3301-000297	CORE-FERRITE BEAD;AA,3.6X1.2X5.7MM,1400,2900G	
KC401	2202-000781	C-CERAMIC,MLC-AXIAL;100PF,10%,50V,Y5P,TP,3.5X19,-	
KC402	2401-001022	C-AL;3.3UF,20%,50V,GP,-,5X11,2MM	
KC403	2401-001975	C-AL;47UF,20%,16V,GP,TP,5X11MM,5	
KC404	2202-000797	C-CERAMIC,MLC-AXIAL;10NF,30%,16V,Y5P,TP,3.5X19,-	
KC405	2301-000476	C-FILM,PEF;82NF,10%,50V,TP,10.5X12.5X6,7M	
KC406	2401-001022	C-AL;3.3UF,20%,50V,GP,-,5X11,2MM	
KC407	2202-000715	C-CERAMIC,MLC-AXIAL;1.2NF,20%,16V,Y5R,3.5X19,7.5,T	
KC409	2202-000807	C-CERAMIC,MLC-AXIAL;22NF,+80-20%,25V,Y5V,TP,3.5X19	
KC410	2401-001912	C-AL;1UF,20%,50V,GP,BK,5X11MM,2MM	
KC431	2401-001975	C-AL;47UF,20%,16V,GP,TP,5X11MM,5	

Location No.	Code No.	Description Specification	Remarks
KC432	2301-000379	C-FILM,PEF;10NF,10%,50V,TP,6X7X3.2MM,5MM	
KC433	2301-000379	C-FILM,PEF;10NF,10%,50V,TP,6X7X3.2MM,5MM	
KC434	2301-000400	C-FILM,PEF;1NF,10%,50V,TP,5X7X2.8MM,5MM	
KC436	2202-000806	C-CERAMIC,MLC-AXIAL;220PF,10%,50V,Y5P,TP,3.5X19,-	
KC437	2202-000806	C-CERAMIC,MLC-AXIAL;220PF,10%,50V,Y5P,TP,3.5X19,-	
KC451	2202-000781	C-CERAMIC,MLC-AXIAL;100PF,10%,50V,Y5P,TP,3.5X19,-	
KC452	2401-001022	C-AL;3.3UF,20%,50V,GP,-,5X11,2MM	
KC453	2401-001975	C-AL;47UF,20%,16V,GP,TP,5X11MM,5	
KC454	2202-000797	C-CERAMIC,MLC-AXIAL;10NF,30%,16V,Y5P,TP,3.5X19,-	
KC455	2301-000476	C-FILM,PEF;82NF,10%,50V,TP,10.5X12.5X6,7M	
KC456	2401-001022	C-AL;3.3UF,20%,50V,GP,-,5X11,2MM	
KC457	2202-000715	C-CERAMIC,MLC-AXIAL;1.2NF,20%,16V,Y5R,3.5X19,7.5,T	
KD401	0401-000101	DIODE-SWITCHING;1N4148,100V,200MA,500MW,4NS,DO	
KD402	0401-000101	DIODE-SWITCHING;1N4148,100V,200MA,500MW,4NS,DO	
KD403	0401-000101	DIODE-SWITCHING;1N4148,100V,200MA,500MW,4NS,DO	
KQ401	0501-000398	TR-SMALL SIGNAL;KSC945,NPN,250MW,TO-92,TP,120-	
KQ402	0504-000121	TR-DIGITAL;KSR1007,NPN,300MW,22K-47K,TO-9	
KQ403	0504-000121	TR-DIGITAL;KSR1007,NPN,300MW,22K-47K,TO-9	
KQ431	0501-000394	TR-SMALL SIGNAL;KSC900-L,NPN,250MW,TO-92,-,350	
KQ451	0501-000398	TR-SMALL SIGNAL;KSC945,NPN,250MW,TO-92,TP,120-	
KQ452	0504-000121	TR-DIGITAL;KSR1007,NPN,300MW,22K-47K,TO-9	
KQ453	0504-000121	TR-DIGITAL;KSR1007,NPN,300MW,22K-47K,TO-9	
KR401	2001-000802	R-CARBON;5.6KOHM,5%,1/8W,AA,TP,1.8X3.2M	
KR402	2001-000472	R-CARBON;2.7KOHM,5%,1/8W,AA,TP,1.8X3.2M	
KR403	2001-001006	R-CARBON;82OHM,5%,1/8W,AA,TP,1.8X3.2MM	
KR404	2001-000786	R-CARBON;47KOHM,5%,1/8W,AA,TP,1.8X3.2MM	
KR405	2001-000977	R-CARBON;8.2KOHM,5%,1/8W,AA,TP,1.8X3.2M	
KR406	2001-000802	R-CARBON;5.6KOHM,5%,1/8W,AA,TP,1.8X3.2M	
KR407	2001-000010	R-CARBON;68KOHM,5%,1/8W,AA,TP,1.8X3.2MM	
KR408	2001-000522	R-CARBON;22KOHM,5%,1/8W,AA,TP,1.8X3.2MM	
KR409	2001-000281	R-CARBON;100OHM,5%,1/8W,AA,TP,1.8X3.2MM	
KR410	2001-000773	R-CARBON;470KOHM,5%,1/8W,AA,TP,1.8X3.2M	
KR411	2001-000890	R-CARBON;6.8KOHM,5%,1/8W,AA,TP,1.8X3.2M	
KR412	2001-000281	R-CARBON;100OHM,5%,1/8W,AA,TP,1.8X3.2MM	
KR413	2001-000281	R-CARBON;100OHM,5%,1/8W,AA,TP,1.8X3.2MM	
KR432	2001-000331	R-CARBON;12KOHM,5%,1/8W,AA,TP,1.8X3.2MM	
KR433	2001-000527	R-CARBON;22OHM,5%,1/8W,AA,TP,1.8X3.2MM	
KR434	2001-000008	R-CARBON;15KOHM,5%,1/8W,AA,TP,1.8X3.2MM	
KR435	2001-000034	R-CARBON;220OHM,5%,1/4W,AA,TP,2.4X6.4MM	
KR451	2001-000802	R-CARBON;5.6KOHM,5%,1/8W,AA,TP,1.8X3.2M	
KR452	2001-000472	R-CARBON;2.7KOHM,5%,1/8W,AA,TP,1.8X3.2M	
KR453	2001-001006	R-CARBON;82OHM,5%,1/8W,AA,TP,1.8X3.2MM	
KR454	2001-000786	R-CARBON;47KOHM,5%,1/8W,AA,TP,1.8X3.2MM	
KR455	2001-000977	R-CARBON;8.2KOHM,5%,1/8W,AA,TP,1.8X3.2M	
KR456	2001-000802	R-CARBON;5.6KOHM,5%,1/8W,AA,TP,1.8X3.2M	
KR457	2001-000010	R-CARBON;68KOHM,5%,1/8W,AA,TP,1.8X3.2MM	
KR458	2001-000522	R-CARBON;22KOHM,5%,1/8W,AA,TP,1.8X3.2MM	
OC10	2201-000565	C-CERAMIC,DISC;47nF,20%,50V,Y5V,12.5x4.0mm,5mm,TP	
OC11	2301-000419	C-FILM,PEF;27NF,10%,50V,TP,7.5X10.5X4MM,5	
OC12	2401-001912	C-AL;1UF,20%,50V,GP,BK,5X11MM,2MM	
OC2	2202-000854	C-CERAMIC,MLC-AXIAL;47NF,30%,50V,Y5R,TP,3.5X1.9,-	

Location No.	Code No.	Description Specification	Remarks
OC5	2201-000557	C-CERAMIC,DISC;470PF,10%,50V,SL,TP,8X3,5	
OC7	2001-000802	R-CARBON;5.6KOHM,5%,1/8W,AA,TP,1.8X3.2M	
OC8	2201-000565	C-CERAMIC,DISC;47nF,20%,50V,Y5V,12.5x4.0mm,5mm,TP	
OC9	2201-000499	C-CERAMIC,DISC;390PF,5%,50V,SL,TP,8.0X3.0,5	
OD1	0401-000101	DIODE-SWITCHING;1N4148,100V,200MA,500MW,4NS,DO	
OD2	0401-000101	DIODE-SWITCHING;1N4148,100V,200MA,500MW,4NS,DO	
OQ1	0501-000398	TR-SMALL SIGNAL;KSC945,NPN,250MW,TO-92,TP,120-	
OQ2	0501-000398	TR-SMALL SIGNAL;KSC945,NPN,250MW,TO-92,TP,120-	
OQ3	0501-000398	TR-SMALL SIGNAL;KSC945,NPN,250MW,TO-92,TP,120-	
OQ4	0501-000303	TR-SMALL SIGNAL;KSA733-Y,PNP,250MW,TO-92,-,120	
OQ5	0505-000236	FET-SILICIN;2SK583,N,50V,200MA,20OHM,600MW	
OR1	2001-000273	R-CARBON;100KOHM,5%,1/8W,AA,TP,1.8X3.2M	
OR10	2001-000449	R-CARBON;2.2KOHM,5%,1/8W,AA,TP,1.8X3.2M	
OR2	2001-000273	R-CARBON;100KOHM,5%,1/8W,AA,TP,1.8X3.2M	
OR3	2001-000802	R-CARBON;5.6KOHM,5%,1/8W,AA,TP,1.8X3.2M	
OR4	2001-000802	R-CARBON;5.6KOHM,5%,1/8W,AA,TP,1.8X3.2M	
OR5	2001-000802	R-CARBON;5.6KOHM,5%,1/8W,AA,TP,1.8X3.2M	
OR6	2001-000331	R-CARBON;12KOHM,5%,1/8W,AA,TP,1.8X3.2MM	
OR7	2001-000548	R-CARBON;270KOHM,5%,1/8W,AA,TP,1.8X3.2M	
OR8	2001-000802	R-CARBON;5.6KOHM,5%,1/8W,AA,TP,1.8X3.2M	
OR9	2001-000290	R-CARBON;10KOHM,5%,1/8W,AA,TP,1.8X3.2MM	
PC1L	2401-001912	C-AL;1UF,20%,50V,GP,BK,5X11MM,2MM	
PC1R	2401-001912	C-AL;1UF,20%,50V,GP,BK,5X11MM,2MM	
PC2L	2401-001912	C-AL;1UF,20%,50V,GP,BK,5X11MM,2MM	
PC2R	2401-001912	C-AL;1UF,20%,50V,GP,BK,5X11MM,2MM	
PC3	2401-000795	C-AL;220UF,20%,16V,GP,-,8X11.5,3.5M	
PCON1	3711-001011	CONNECTOR-HEADER;BOX,5P,1R,2.5MM,STRAIGHT,SN	
PQ1	0501-000394	TR-SMALL SIGNAL;KSC900-L,NPN,250MW,TO-92,-,350	
PQ1L	0501-000337	TR-SMALL SIGNAL;KSC1222-L,NPN,250MW,TO-92,TP,3	
PQ1R	0501-000337	TR-SMALL SIGNAL;KSC1222-L,NPN,250MW,TO-92,TP,3	
PR1	2001-000449	R-CARBON;2.2KOHM,5%,1/8W,AA,TP,1.8X3.2M	
PR1L	2001-000989	R-CARBON;820KOHM,5%,1/8W,AA,TP,1.8X3.2M	
PR1R	2001-000989	R-CARBON;820KOHM,5%,1/8W,AA,TP,1.8X3.2M	
PR2	2001-000780	R-CARBON;470OHM,5%,1/8W,AA,TP,1.8X3.2MM	
PR2L	2001-000890	R-CARBON;6.8KOHM,5%,1/8W,AA,TP,1.8X3.2M	
PR2R	2001-000890	R-CARBON;6.8KOHM,5%,1/8W,AA,TP,1.8X3.2M	
PR3L	2001-000397	R-CARBON;180KOHM,5%,1/8W,AA,TP,1.8X3.2M	
PR3R	2001-000397	R-CARBON;180KOHM,5%,1/8W,AA,TP,1.8X3.2M	
PR4L	2001-000734	R-CARBON;4.7KOHM,5%,1/8W,AA,TP,1.8X3.2M	
PR4R	2001-000734	R-CARBON;4.7KOHM,5%,1/8W,AA,TP,1.8X3.2M	
PR5L	2001-000281	R-CARBON;100OHM,5%,1/8W,AA,TP,1.8X3.2MM	
PR5R	2001-000281	R-CARBON;100OHM,5%,1/8W,AA,TP,1.8X3.2MM	
PR6R	2001-000290	R-CARBON;10KOHM,5%,1/8W,AA,TP,1.8X3.2MM	
QC501	2401-001912	C-AL;1UF,20%,50V,GP,BK,5X11MM,2MM	
QC502	2401-001912	C-AL;1UF,20%,50V,GP,BK,5X11MM,2MM	
QC503	2401-001912	C-AL;1UF,20%,50V,GP,BK,5X11MM,2MM	
QC504	2401-001912	C-AL;1UF,20%,50V,GP,BK,5X11MM,2MM	
QC505	2401-001022	C-AL;3.3UF,20%,50V,GP,-,5X11,2MM	
QC506	2401-000419	C-AL;10UF,20%,16V,GP,-,4X7,5	
QC507	2201-000377	C-CERAMIC,DISC;220PF,5%,50V,UJ,TP,8.0X3.0,5	
QC508	2401-001022	C-AL;3.3UF,20%,50V,GP,-,5X11,2MM	

Location No.	Code No.	Description Specification	Remarks
QC509	2401-001968	C-AL;470NF,20%,50V,GP,TP,5X11MM,5	
QC510	2301-000412	C-FILM,PEF;22NF,10%,50V,TP,6.5X10.5X4MM,5	
QC511	2301-000389	C-FILM,PEF;150NF,5%,50V,TP,12.5X15X7.5,7M	
QC512	2202-000855	C-CERAMIC,MLC-AXIAL;6.8NF,30%,16V,Y5R,TP,3.5X1.9,-	
QC513	2301-000456	C-FILM,PEF;56NF,10%,50V,TP,8X12X4.5MM,5MM	
QC514	2202-000850	C-CERAMIC,MLC-AXIAL;2.2NF,30%,16V,Y5R,TP,3.5X1.9,-	
QC515	2301-000390	C-FILM,PEF;15NF,10%,50V,TP,6.5X9X3.5MM,5M	
QC516	2202-000825	C-CERAMIC,MLC-AXIAL;680PF,10%,50V,Y5P,TP,3.5X19,-	
QC517	2301-000412	C-FILM,PEF;22NF,10%,50V,TP,6.5X10.5X4MM,5	
QC518	2401-001895	C-AL;100UF,20%,16V,GP,BK,6.3X11MM,2	
QC519	2202-000781	C-CERAMIC,MLC-AXIAL;100PF,10%,50V,Y5P,TP,3.5X19,-	
QC520	2401-001912	C-AL;1UF,20%,50V,GP,BK,5X11MM,2MM	
QC521	2401-001912	C-AL;1UF,20%,50V,GP,BK,5X11MM,2MM	
QC522	2401-001355	C-AL;470UF,20%,10V,GP,-,8X11.5,5MM	
QC523	2401-001895	C-AL;100UF,20%,16V,GP,BK,6.3X11MM,2	
QC551	2401-001912	C-AL;1UF,20%,50V,GP,BK,5X11MM,2MM	
QC552	2401-001912	C-AL;1UF,20%,50V,GP,BK,5X11MM,2MM	
QC553	2401-001912	C-AL;1UF,20%,50V,GP,BK,5X11MM,2MM	
QC554	2401-001912	C-AL;1UF,20%,50V,GP,BK,5X11MM,2MM	
QC555	2401-001022	C-AL;3.3UF,20%,50V,GP,-,5X11,2MM	
QC556	2401-000419	C-AL;10UF,20%,16V,GP,-,4X7,5	
QC557	2201-000377	C-CERAMIC,DISC;220PF,5%,50V,UJ,TP,8.0X3.0,5	
QC558	2401-001022	C-AL;3.3UF,20%,50V,GP,-,5X11,2MM	
QC559	2401-001968	C-AL;470NF,20%,50V,GP,TP,5X11MM,5	
QC560	2301-000412	C-FILM,PEF;22NF,10%,50V,TP,6.5X10.5X4MM,5	
QC561	2301-000389	C-FILM,PEF;150NF,5%,50V,TP,12.5X15X7.5,7M	
QC562	2202-000855	C-CERAMIC,MLC-AXIAL;6.8NF,30%,16V,Y5R,TP,3.5X1.9,-	
QC563	2301-000456	C-FILM,PEF;56NF,10%,50V,TP,8X12X4.5MM,5MM	
QC564	2202-000850	C-CERAMIC,MLC-AXIAL;2.2NF,30%,16V,Y5R,TP,3.5X1.9,-	
QC565	2301-000390	C-FILM,PEF;15NF,10%,50V,TP,6.5X9X3.5MM,5M	
QC566	2202-000825	C-CERAMIC,MLC-AXIAL;680PF,10%,50V,Y5P,TP,3.5X19,-	
QC567	2301-000412	C-FILM,PEF;22NF,10%,50V,TP,6.5X10.5X4MM,5	
QC568	2401-001895	C-AL;100UF,20%,16V,GP,BK,6.3X11MM,2	
QC569	2202-000781	C-CERAMIC,MLC-AXIAL;100PF,10%,50V,Y5P,TP,3.5X19,-	
QC571	2401-001912	C-AL;1UF,20%,50V,GP,BK,5X11MM,2MM	
QR501	2001-000857	R-CARBON;560OHM,5%,1/8W,AA,TP,1.8X3.2MM	
QR502	2001-000472	R-CARBON;2.7KOHM,5%,1/8W,AA,TP,1.8X3.2M	
QR503	2001-000281	R-CARBON;100OHM,5%,1/8W,AA,TP,1.8X3.2MM	
QR504	2001-000734	R-CARBON;4.7KOHM,5%,1/8W,AA,TP,1.8X3.2M	
QR505	2001-000273	R-CARBON;100KOHM,5%,1/8W,AA,TP,1.8X3.2M	
QR551	2001-000857	R-CARBON;560OHM,5%,1/8W,AA,TP,1.8X3.2MM	
QR552	2001-000472	R-CARBON;2.7KOHM,5%,1/8W,AA,TP,1.8X3.2M	
QR554	2001-000734	R-CARBON;4.7KOHM,5%,1/8W,AA,TP,1.8X3.2M	
QR555	2001-000273	R-CARBON;100KOHM,5%,1/8W,AA,TP,1.8X3.2M	
RC703	2401-000303	C-AL;100UF,20%,25V,GP,TP,6.3X11,2.5	
RC704	2401-001895	C-AL;100UF,20%,16V,GP,BK,6.3X11MM,2	
RC705	2401-001895	C-AL;100UF,20%,16V,GP,BK,6.3X11MM,2	
RC706	2401-000778	C-AL;220UF,20%,10V,GP,-,6.3X11,2.5M	
RC706	2401-001895	C-AL;100UF,20%,16V,GP,BK,6.3X11MM,2	
RC707	2401-000303	C-AL;100UF,20%,25V,GP,TP,6.3X11,2.5	
RC709	2401-000830	C-AL;220UF,20%,25V,GP,-,8X11.5,3.5M	

Location No.	Code No.	Description Specification	Remarks
RC710	2401-001895	C-AL;100UF,20%,16V,GP,BK,6.3X11MM,2	
RC711	2401-001552	C-AL;47UF,20%,35V,GP,-,6.3X11,2.5MM	
RC712	2401-000438	C-AL;10UF,20%,25V,GP,-,5X11,2MM	
RC713	2401-000419	C-AL;10UF,20%,16V,GP,-,4X7,5	
RC718	2401-001912	C-AL;1UF,20%,50V,GP,BK,5X11MM,2MM	
RD704	0402-000127	DIODE-RECTIFIER;1N4002,100V,1A,DO-41	
RD705	0402-000127	DIODE-RECTIFIER;1N4002,100V,1A,DO-41	
RQ702	0501-000610	TR-SMALL SIGNAL;KSA928A-Y,PNP,1W,TO-92L,TP,160	
RQ703	0501-000010	TR-SMALL SIGNAL;KSC1008-Y,NPN,80V,60V,700MA,80	
RR701	2008-000156	R-FUSIBLE;4.7OHM,5%,1/2W,AA,TP,3.5X9.4MM	
RR701	2008-000157	R-FUSIBLE;4.7OHM,5%,1/4W,AA,TP,2.6X6.7MM	
RR703	2008-000158	R-FUSIBLE;4.7OHM,5%,1W,AA,TP,4.3X13MM	
RR704	2001-001138	R-CARBON(S);390OHM,5%,1/2W,AA,TP,2.4X6.4MM	
RR704	2008-000157	R-FUSIBLE;4.7OHM,5%,1/4W,AA,TP,2.6X6.7MM	
RR705	2001-001050	R-CARBON(S);1.5KOHM,5%,1/2W,AA,TP,2.4X6.4M	
RR706	2001-000522	R-CARBON;22KOHM,5%,1/8W,AA,TP,1.8X3.2MM	
RR709	2001-001138	R-CARBON(S);390OHM,5%,1/2W,AA,TP,2.4X6.4MM	
RR710	2003-000669	R-METAL OXIDE(S);390OHM,5%,1W,AA,TP,3.3X9MM	
RR711	2008-000127	R-FUSIBLE;10OHM,5%,2W,AA,TP,6.5X17MM	
RR718	2001-000734	R-CARBON;4.7KOHM,5%,1/8W,AA,TP,1.8X3.2M	
RR719	2001-000890	R-CARBON;6.8KOHM,5%,1/8W,AA,TP,1.8X3.2M	
RR720	2001-000734	R-CARBON;4.7KOHM,5%,1/8W,AA,TP,1.8X3.2M	
RR721	2001-000734	R-CARBON;4.7KOHM,5%,1/8W,AA,TP,1.8X3.2M	
RZD701	0403-000379	DIODE-ZENER;UZP12B,12V,11.4-12.6V,1W,DO	
RZD702	0403-000379	DIODE-ZENER;UZP12B,12V,11.4-12.6V,1W,DO	
RZD703	0403-000399	DIODE-ZENER;UZP9.1B,9.1V,8.5-9.6V,1W,DO	
RZD704	0403-000358	DIODE-ZENER;UZ5.6BSB,5.6V,5.46-5.7V,500	
SC201	2201-000470	C-CERAMIC,DISC;330PF,10%,50V,SL,TP,6.5X3,5	
SC251	2201-000470	C-CERAMIC,DISC;330PF,10%,50V,SL,TP,6.5X3,5	
SR202	2001-000734	R-CARBON;4.7KOHM,5%,1/8W,AA,TP,1.8X3.2M	
SR205	2001-000734	R-CARBON;4.7KOHM,5%,1/8W,AA,TP,1.8X3.2M	
SR252	2001-000734	R-CARBON;4.7KOHM,5%,1/8W,AA,TP,1.8X3.2M	
SR255	2001-000734	R-CARBON;4.7KOHM,5%,1/8W,AA,TP,1.8X3.2M	
TCON1	3711-000903	CONNECTOR-HEADER;BOX,3P,1R,2.5MM,STRAIGHT,SN	
UC902	2202-000781	C-CERAMIC,MLC-AXIAL;100PF,10%,50V,Y5P,TP,3.5X19,-	
UC903	2401-000830	C-AL;220UF,20%,25V,GP,-,8X11.5,3.5M	
UC904	2401-001895	C-AL;100UF,20%,16V,GP,BK,6.3X11MM,2	
UC905	2401-001164	C-AL;33UF,20%,16V,GP,-,5X11,2MM	
UC952	2202-000781	C-CERAMIC,MLC-AXIAL;100PF,10%,50V,Y5P,TP,3.5X19,-	
UD901	0402-000127	DIODE-RECTIFIER;1N4002,100V,1A,DO-41	
UQ902	0501-000610	TR-SMALL SIGNAL;KSA928A-Y,PNP,1W,TO-92L,TP,160	
UQ903	0501-000010	TR-SMALL SIGNAL;KSC1008-Y,NPN,80V,60V,700MA,80	
UQ904	0501-000398	TR-SMALL SIGNAL;KSC945,NPN,250MW,TO-92,TP,120-	
UQ954	0501-000398	TR-SMALL SIGNAL;KSC945,NPN,250MW,TO-92,TP,120-	
UR901	2003-000669	R-METAL OXIDE(S);390OHM,5%,1W,AA,TP,3.3X9MM	
UR903	2001-000042	R-CARBON;1KOHM,5%,1/4W,AA,TP,2.4X6.4MM	
UR904	2001-000734	R-CARBON;4.7KOHM,5%,1/8W,AA,TP,1.8X3.2M	
UR905	2001-000734	R-CARBON;4.7KOHM,5%,1/8W,AA,TP,1.8X3.2M	
UR906	2001-000522	R-CARBON;22KOHM,5%,1/8W,AA,TP,1.8X3.2MM	
UR907	2001-000449	R-CARBON;2.2KOHM,5%,1/8W,AA,TP,1.8X3.2M	

Location No.	Code No.	Description	Specification	Remarks
UR908	2001-000522	R-CARBON;22KOHM,5%,1/8W,AA,TP,1.8X3.2MM		
UR954	2001-000734	R-CARBON;4.7KOHM,5%,1/8W,AA,TP,1.8X3.2M		
UR956	2001-000522	R-CARBON;22KOHM,5%,1/8W,AA,TP,1.8X3.2MM		
UR957	2001-000449	R-CARBON;2.2KOHM,5%,1/8W,AA,TP,1.8X3.2M		
UZD901	0403-000399	DIODE-ZENER;UZP9.1B,9.1V,8.5-9.6V,1W,DO		
ZC101	2202-000806	C-CERAMIC,MLC-AXIAL;220PF,10%,50V,Y5P,TP,3.5X19,-		
ZC151	2202-000806	C-CERAMIC,MLC-AXIAL;220PF,10%,50V,Y5P,TP,3.5X19,-		
ZR102	2001-000411	R-CARBON;18KOHM,5%,1/8W,AA,TP,1.8X3.2MM		
ZR151	2001-000290	R-CARBON;10KOHM,5%,1/8W,AA,TP,1.8X3.2MM		
ZR152	2001-000411	R-CARBON;18KOHM,5%,1/8W,AA,TP,1.8X3.2MM		
	AH42-20001L	ANT-LOOP;SJ-015-774,18UH,RD		
	AH42-30001B	ANT-FM,T;150OHM,3525MM,DSFM-008		
	16634-502-61	CABLE-TIE;NYLON 66 08474		
	AH39-20002F	LEAD-CONNECTOR ASS'Y;5264,-,3P,400MM,2970#33		
	AH39-20002V	LEAD-CONNECTOR ASS'Y;5264,-,4P,450MM,1533#28		
	AH39-20017Y	LEAD-CONNECTOR ASS'Y;5264,-,10P,400MM,1061#26		
	AH39-50001K	LEAD-FASTEN;RING,1007#24,140MM,BLK		
	G3A8-1/C	ASSY CD PACK;1-CD G3A8 CKD		
	AH90-10346D	ASSY-PCB,CD;G3A8,		
	3809-000202	CABLE-FLAT;30V,80C,82MM,16P,1MM,UL2896		
	AH62-30047A	HEAT SINK;ETHD,-,T0.5,-,-,-,MAX-555,-		
NCW100	3708-000177	CONNECTOR-FPC/FC/PIC;16P,1MM,ANGLE,SN		
NCW101	3711-001136	CONNECTOR-HEADER;BOX,8P,1R,2MM,ANGLE,SN		
NCW103	3708-000413	CONNECTOR-FPC/FC/PIC;16P,1.25MM,ANGLE,		
NCW104	3711-001061	CONNECTOR-HEADER;BOX,6P,1R,2MM,ANGLE,SN		
NIC164	1003-000298	IC-MOTOR DRIVER;LB1641,SIP,10P,-,-,-,ST,PLASTI		
NS100	3409-000174	SWITCH-LEAF;16VDC,500MA,10GF,SPST		
	AH94-20007P	ASSY-CHIP;G3A8,		
43R	2203-000260	C-CERAMIC,CHIP;10NF,10%,50V,X7R,TP,2012,-		
44L	2203-000260	C-CERAMIC,CHIP;10NF,10%,50V,X7R,TP,2012,-		
500	2203-000260	C-CERAMIC,CHIP;10NF,10%,50V,X7R,TP,2012,-		
600	2203-000260	C-CERAMIC,CHIP;10NF,10%,50V,X7R,TP,2012,-		
601	2203-000260	C-CERAMIC,CHIP;10NF,10%,50V,X7R,TP,2012,-		
602	2203-000260	C-CERAMIC,CHIP;10NF,10%,50V,X7R,TP,2012,-		
NC100	2203-000892	C-CERAMIC,CHIP;4.7NF,10%,50V,X7R,TP,2012,-		
NC1000	2203-000363	C-CERAMIC,CHIP;150PF,5%,50V,NPO,TP,2012,-		
NC1001	2203-000363	C-CERAMIC,CHIP;150PF,5%,50V,NPO,TP,2012,-		
NC101	2203-000802	C-CERAMIC,CHIP;33NF,10%,50V,X7R,2012,-,TP		
NC102	2203-000260	C-CERAMIC,CHIP;10NF,10%,50V,X7R,TP,2012,-		
NC103	2203-000260	C-CERAMIC,CHIP;10NF,10%,50V,X7R,TP,2012,-		
NC104	2203-001537	C-CERAMIC,CHIP;1NF,10%,50V,X7R,TP,2012,-		
NC107	2203-000199	C-CERAMIC,CHIP;100NF,+80-20%,50V,Z5U,TP,2012,		
NC108	2203-000199	C-CERAMIC,CHIP;100NF,+80-20%,50V,Z5U,TP,2012,		
NC109	2203-001537	C-CERAMIC,CHIP;1NF,10%,50V,X7R,TP,2012,-		
NC110	2203-000260	C-CERAMIC,CHIP;10NF,10%,50V,X7R,TP,2012,-		
NC111	2203-001105	C-CERAMIC,CHIP;6.8NF,10%,50V,X7R,TP,2012,-		
NC112	2203-001702	C-CERAMIC,CHIP;2.2NF,5%,50V,X7R,TP,2012,-		
NC113	2203-000802	C-CERAMIC,CHIP;33NF,10%,50V,X7R,2012,-,TP		
NC115	2203-001137	C-CERAMIC,CHIP;68NF,+80-20%,50V,Y5V,TP,2012,-		

Location No.	Code No.	Description Specification	Remarks
NC116	2203-000260	C-CERAMIC,CHIP;10NF,10%,50V,X7R,TP,2012,-	
NC118	2203-000787	C-CERAMIC,CHIP;330PF,5%,50V,NPO,TP,2012,-	
NC119	2203-000199	C-CERAMIC,CHIP;100NF,+80-20%,50V,Z5U,TP,2012,	
NC120	2203-000199	C-CERAMIC,CHIP;100NF,+80-20%,50V,Z5U,TP,2012,	
NC121	2203-000199	C-CERAMIC,CHIP;100NF,+80-20%,50V,Z5U,TP,2012,	
NC124	2203-000919	C-CERAMIC,CHIP;470NF,+80-20%,16V,Y5V,TP,2012,	
NC125	2203-000802	C-CERAMIC,CHIP;33NF,10%,50V,X7R,2012,-,TP	
NC190	2203-001256	C-CERAMIC,CHIP;8PF,0.25PF,50V,NPO,TP,2012,2.0	
NC200	2203-000979	C-CERAMIC,CHIP;47NF,10%,50V,X7R,2012,-,TP	
NC2000	2203-001026	C-CERAMIC,CHIP;4PF,0.25PF,50V,SL,TP,2012,-	
NC201	2203-001551	C-CERAMIC,CHIP;1.5NF,10%,50V,X7R,TP,2012,2MM	
NC202	2203-001619	C-CERAMIC,CHIP;27PF,5%,50V,NPO,TP,2012,2MM	
NC203	2203-001619	C-CERAMIC,CHIP;27PF,5%,50V,NPO,TP,2012,2MM	
NC204	2203-000919	C-CERAMIC,CHIP;470NF,+80-20%,16V,Y5V,TP,2012,	
NC205	2203-000260	C-CERAMIC,CHIP;10NF,10%,50V,X7R,TP,2012,-	
NC41L	2203-001550	C-CERAMIC,CHIP;1.2NF,10%,50V,X7R,TP,2012,2MM	
NC41R	2203-001550	C-CERAMIC,CHIP;1.2NF,10%,50V,X7R,TP,2012,2MM	
NC42R	2203-001537	C-CERAMIC,CHIP;1NF,10%,50V,X7R,TP,2012,-	
NC43L	2203-001537	C-CERAMIC,CHIP;1NF,10%,50V,X7R,TP,2012,-	
NC45R	2203-001058	C-CERAMIC,CHIP;560PF,5%,50V,NPO,TP,2012,-	
NC46L	2203-001058	C-CERAMIC,CHIP;560PF,5%,50V,NPO,TP,2012,-	
NC603	2203-000199	C-CERAMIC,CHIP;100NF,+80-20%,50V,Z5U,TP,2012,	
NC700	2203-000260	C-CERAMIC,CHIP;10NF,10%,50V,X7R,TP,2012,-	
NC701	2203-000260	C-CERAMIC,CHIP;10NF,10%,50V,X7R,TP,2012,-	
NIC922	1204-001041	IC-ASP;KA9220B,QFP,80P,-,PLASTIC,6V,9	
NIC925	1003-000179	IC-MOTOR DRIVER;KA9258D,SOP,28P,-,SINGLE,-,ST,	
NIC927	1204-000110	IC-AUDIO FILTER;KA9270,SOP,20P,-,PLASTIC,12V,5	
NIC928	0904-000157	IC-DSP;9282,-,QFP,80P,-,16.9344MHZ,-,	
NL100	2703-000002	INDUCTOR-SMD;100UH,10%,2.5X3.2X2MM	
NR100	2007-000355	R-CHIP;12KOHM,5%,1/10W,DA,TP,2012	
NR101	2007-000593	R-CHIP;22OHM,5%,1/10W,DA,TP,2012	
NR102	2007-000468	R-CHIP;1KOHM,5%,1/10W,DA,TP,2012	
NR103	2007-000395	R-CHIP;150KOHM,5%,1/10W,DA,TP,2012	
NR104	2007-000282	R-CHIP;100KOHM,5%,1/10W,DA,TP,2012	
NR105	2007-000830	R-CHIP;39KOHM,5%,1/10W,DA,TP,2012	
NR106	2007-000338	R-CHIP;120KOHM,5%,1/10W,DA,TP,2012	
NR107	2007-000338	R-CHIP;120KOHM,5%,1/10W,DA,TP,2012	
NR108	2007-000941	R-CHIP;47KOHM,5%,1/10W,DA,TP,2012	
NR109	2007-000468	R-CHIP;1KOHM,5%,1/10W,DA,TP,2012	
NR110	2007-000409	R-CHIP;15KOHM,5%,1/10W,DA,TP,2012	
NR111	2007-000941	R-CHIP;47KOHM,5%,1/10W,DA,TP,2012	
NR112	2007-001039	R-CHIP;56KOHM,5%,1/10W,DA,TP,2012	
NR113	2007-001177	R-CHIP;8.2KOHM,5%,1/10W,DA,TP,2012	
NR114	2007-000477	R-CHIP;1MOHM,5%,1/10W,DA,TP,2012	
NR115	2007-000444	R-CHIP;180KOHM,5%,1/10W,DA,TP,2012	
NR116	2007-001195	R-CHIP;820KOHM,5%,1/10W,DA,TP,2012	
NR117	2007-000898	R-CHIP;430KOHM,5%,1/10W,DA,TP,2012	
NR118	2007-001213	R-CHIP;82OHM,1%,1/10W,DA,TP,2012	
NR119	2007-000395	R-CHIP;150KOHM,5%,1/10W,DA,TP,2012	
NR190	2007-000355	R-CHIP;12KOHM,5%,1/10W,DA,TP,2012	
NR191	2007-000355	R-CHIP;12KOHM,5%,1/10W,DA,TP,2012	

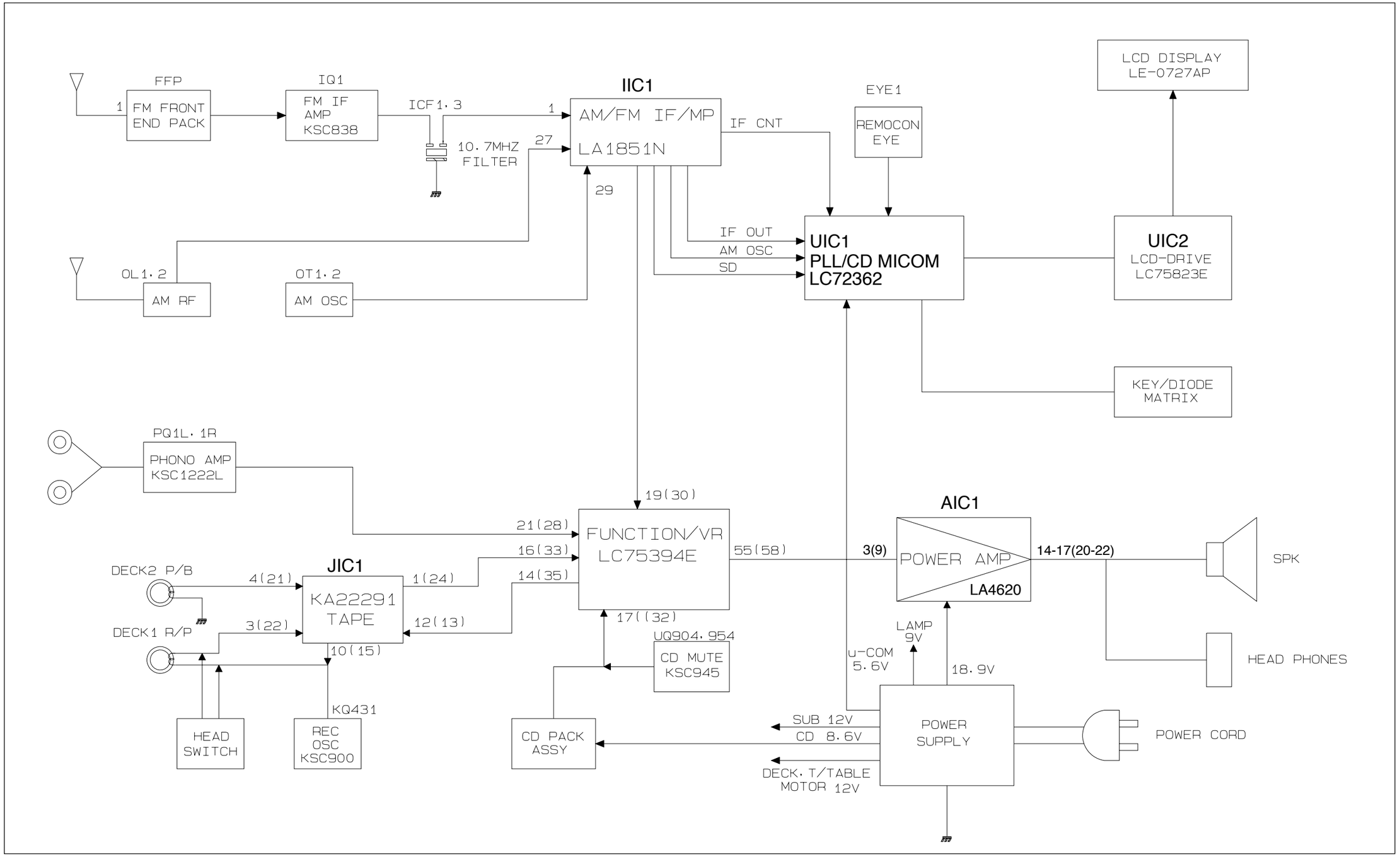
Location No.	Code No.	Description Specification	Remarks
NR200	2007-000653	R-CHIP;27KOHM,5%,1/10W,DA,TP,2012	
NR201	2007-000686	R-CHIP;3.3KOHM,5%,1/10W,DA,TP,2012	
NR202	2007-000686	R-CHIP;3.3KOHM,5%,1/10W,DA,TP,2012	
NR203	2007-000282	R-CHIP;100KOHM,5%,1/10W,DA,TP,2012	
NR204	2007-000355	R-CHIP;12KOHM,5%,1/10W,DA,TP,2012	
NR205	2007-000468	R-CHIP;1KOHM,5%,1/10W,DA,TP,2012	
NR40L	2007-000586	R-CHIP;22KOHM,5%,1/10W,DA,TP,2012	
NR40R	2007-000586	R-CHIP;22KOHM,5%,1/10W,DA,TP,2012	
NR41L	2007-000355	R-CHIP;12KOHM,5%,1/10W,DA,TP,2012	
NR41R	2007-000355	R-CHIP;12KOHM,5%,1/10W,DA,TP,2012	
NR42L	2007-000477	R-CHIP;1MOHM,5%,1/10W,DA,TP,2012	
NR42R	2007-000477	R-CHIP;1MOHM,5%,1/10W,DA,TP,2012	
NR43L	2007-000653	R-CHIP;27KOHM,5%,1/10W,DA,TP,2012	
NR43R	2007-000653	R-CHIP;27KOHM,5%,1/10W,DA,TP,2012	
NR44L	2007-000872	R-CHIP;4.7KOHM,5%,1/10W,DA,TP,2012	
NR44R	2007-000872	R-CHIP;4.7KOHM,5%,1/10W,DA,TP,2012	
NR45L	2007-000468	R-CHIP;1KOHM,5%,1/10W,DA,TP,2012	
NR45R	2007-000468	R-CHIP;1KOHM,5%,1/10W,DA,TP,2012	
NR46L	2007-000872	R-CHIP;4.7KOHM,5%,1/10W,DA,TP,2012	
NR46R	2007-000872	R-CHIP;4.7KOHM,5%,1/10W,DA,TP,2012	
NR47L	2007-000282	R-CHIP;100KOHM,5%,1/10W,DA,TP,2012	
NR47R	2007-000282	R-CHIP;100KOHM,5%,1/10W,DA,TP,2012	
NR605	2007-000001	R-CHIP;68KOHM,5%,1/10W,DA,TP,2012	
NR606	2007-000029	R-CHIP;0OHM,5%,1/10W,DA,TP,2012	
NR608	2007-000029	R-CHIP;0OHM,5%,1/10W,DA,TP,2012	
NR609	2007-000029	R-CHIP;0OHM,5%,1/10W,DA,TP,2012	
NR610	2007-000029	R-CHIP;0OHM,5%,1/10W,DA,TP,2012	
NR611	2007-000029	R-CHIP;0OHM,5%,1/10W,DA,TP,2012	
NRD	2007-000282	R-CHIP;100KOHM,5%,1/10W,DA,TP,2012	
	AH94-30007P	ASSY-AUTO;G3A8,	
NC105	2401-000243	C-AL;100UF,20%,10V,GP,TP,6.3X5,2.5M	
NC114	2401-000419	C-AL;10UF,20%,16V,GP,-,4X7,5	
NC117	2401-001968	C-AL;470NF,20%,50V,GP,TP,5X11MM,5	
NC122	2401-001238	C-AL;4.7UF,20%,25V,GP,BK,3X5,1MM	
NC40L	2401-001238	C-AL;4.7UF,20%,25V,GP,BK,3X5,1MM	
NC40R	2401-001238	C-AL;4.7UF,20%,25V,GP,BK,3X5,1MM	
NC42L	2401-001502	C-AL;47UF,20%,16V,GP,TP,6.3X5,2.5MM	
NC44R	2401-001238	C-AL;4.7UF,20%,25V,GP,BK,3X5,1MM	
NC45L	2401-001238	C-AL;4.7UF,20%,25V,GP,BK,3X5,1MM	
NC700	2401-000868	C-AL;220UF,20%,4V,GP,TP,6.3X5,2.5MM	
NC701	2401-000868	C-AL;220UF,20%,4V,GP,TP,6.3X5,2.5MM	
NC702	2401-000243	C-AL;100UF,20%,10V,GP,TP,6.3X5,2.5M	
NC703	2401-000778	C-AL;220UF,20%,10V,GP,-,6.3X11,2.5M	
ND200	0401-000101	DIODE-SWITCHING;1N4148,100V,200MA,500MW,4NS,DO	
ND201	0401-000101	DIODE-SWITCHING;1N4148,100V,200MA,500MW,4NS,DO	
ND202	0401-000101	DIODE-SWITCHING;1N4148,100V,200MA,500MW,4NS,DO	
ND203	0401-000101	DIODE-SWITCHING;1N4148,100V,200MA,500MW,4NS,DO	
NIC05	AC14-12001G	IC;KA78L05,T,-	
NQ1501	0501-000610	TR-SMALL SIGNAL;KSA928A-Y,PNP,1W,TO-92L,TP,160	
NQ1502	0501-000323	TR-SMALL SIGNAL;KSB564Y,PNP,800MW,TO-92,TP,120	

Location No.	Code No.	Description	Specification	Remarks
NR555	2008-000141	R-FUSIBLE;2.2OHM,5%,1/4W,AA,TP,2.6X6.7MM		
NVR170	2103-000007	VR-SEMI;50KOHM,30%,1/10W,SIDE		
NVR170	2103-000291	VR-SEMI;20KOHM,30%,1/10W,SIDE		
NVR170	2103-000291	VR-SEMI;20KOHM,30%,1/10W,SIDE		
NVR170	2103-000291	VR-SEMI;20KOHM,30%,1/10W,SIDE		
NXF100	2802-000211	RESONATOR-CERAMIC;16.93MHZ,0.5%,TP,10.0X5.0X10.0		
NZD101	0403-000358	DIODE-ZENER;UZ5.6BSB,5.6V,5.46-5.7V,500		

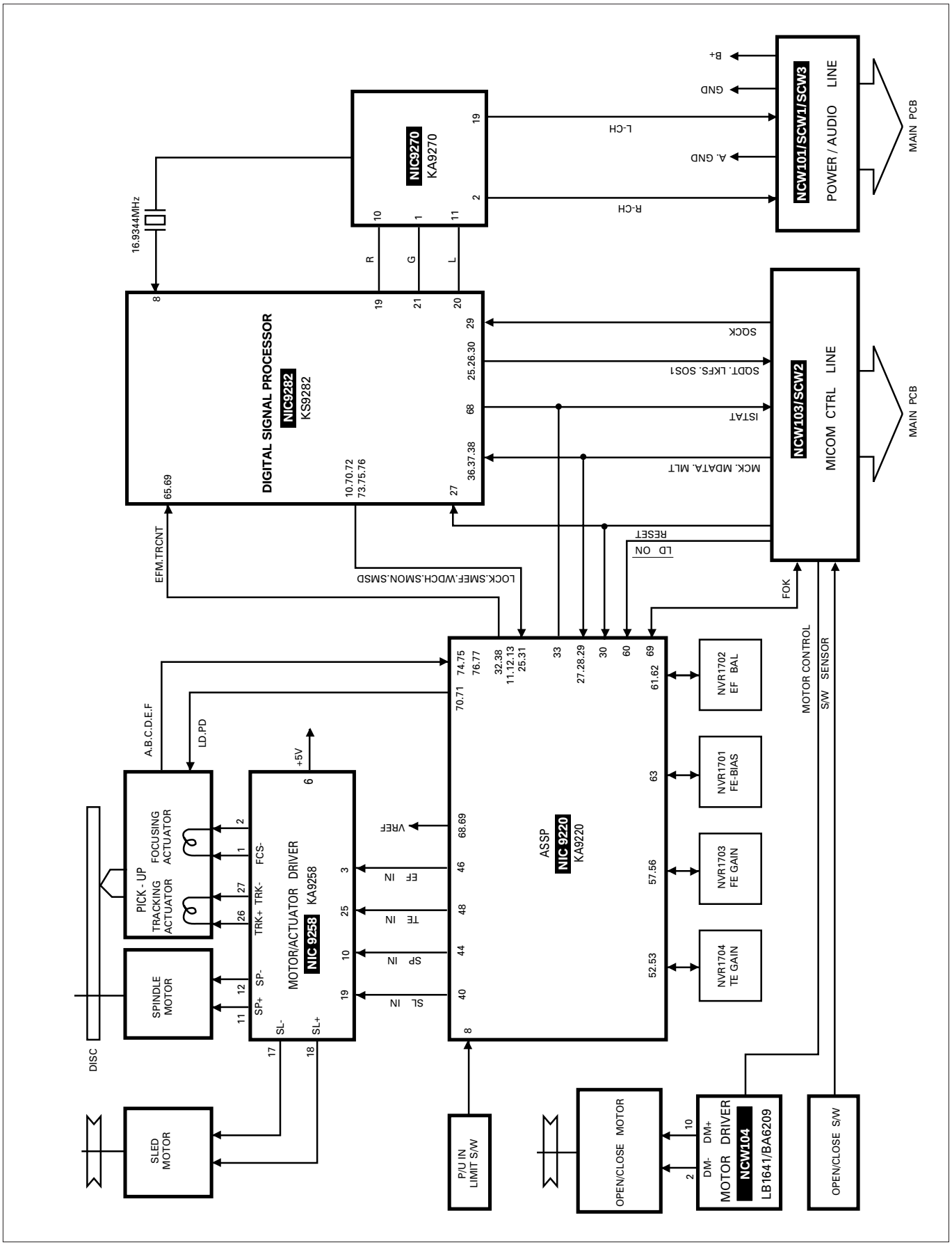
Location No.	Code No.	Description	Specification	Remarks

9. Block Diagrams

9-1 Main



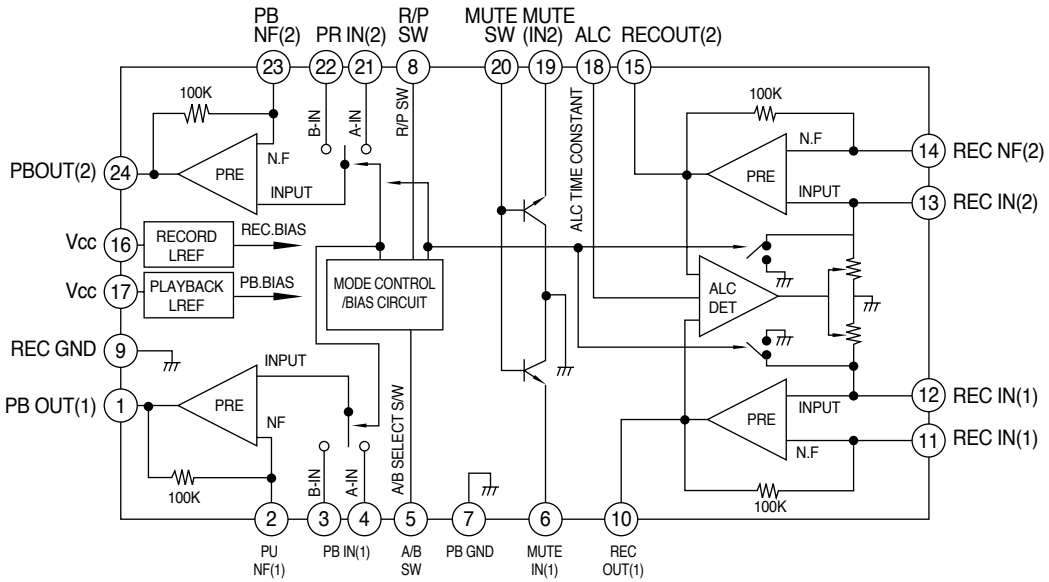
9-2 CD


B+
GND
A. GND
L-CH
R-CH
NCW101/SCW1/SCW3
POWER / AUDIO LINE
MAIN PCB
NIC9270
KA9270
16.9344MHz
R
G
L
DIGITAL SIGNAL PROCESSOR
NIC9282
KS9282
SOCK
SODT. LKFS. SOS1
ISTAT
MCK. MDATA. MLT
NCW103/SCW2
MICOM CTRL LINE
MAIN PCB
RESET
LD ON
EFM.TRCNT
LOCK.SMEF.WDCH.SMON.SMSD
FOK
MOTOR CONTROL
S/W SENSOR
A.B.C.D.E.F
LD.PD
+5V
VREF
ASSP
NIC 9220
KA9220
NVR1702
EF BAL
NVR1701
FE-BIAS
NVR1703
FE GAIN
NVR1704
TE GAIN
PICK - UP
TRACKING
ACTUATOR
FOCUSING
ACTUATOR
FCS-
TRK+ TRK-
MOTOR/ACTUATOR DRIVER
NIC 9258
KA9258
SP+ SP-
SL+ SL-
EF IN
TE IN
SP IN
SL IN
SPINDLE
MOTOR
DISC
SLED
MOTOR
P/U IN
LIMIT S/W
OPEN/CLOSE MOTOR
DM+ DM-
MOTOR DRIVER
NCW104
LB1641/BA6209
OPEN/CLOSE S/W

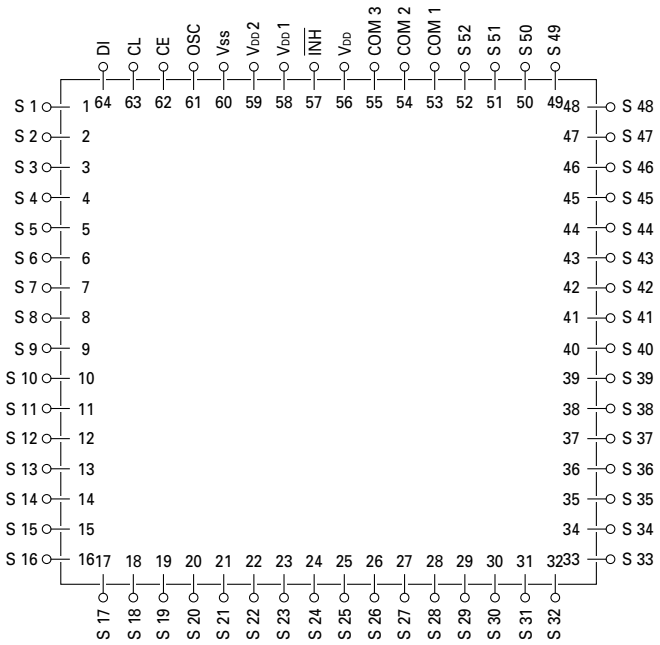
9-3 IC & TR Internal Diagrams

9-3-1 Main

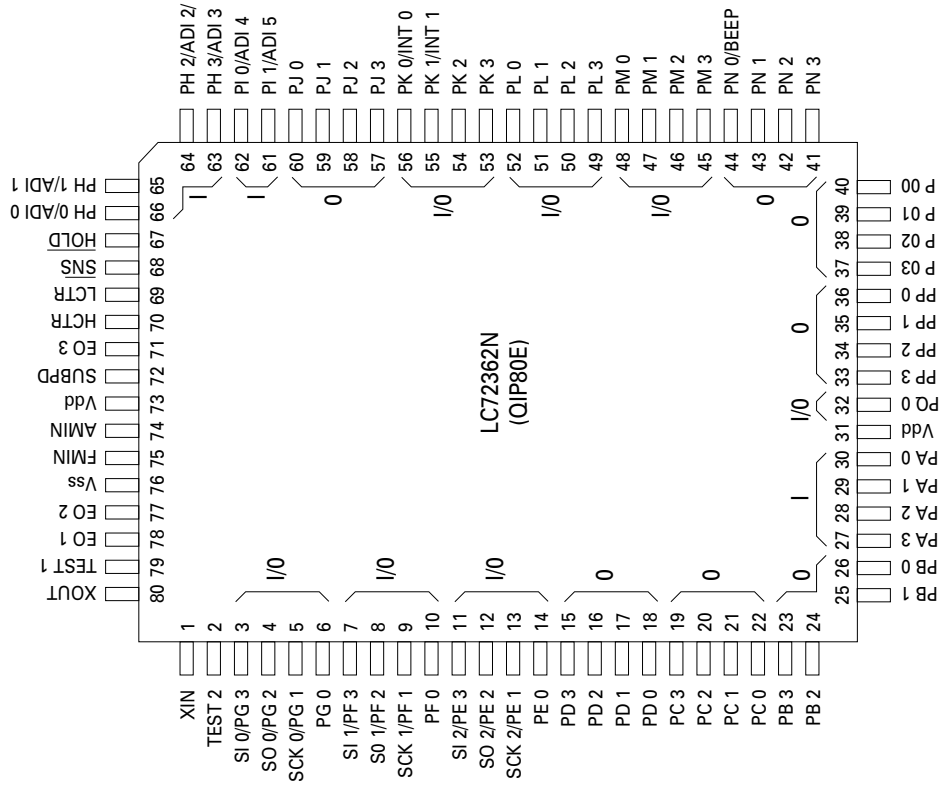
KA22291 : JIC1



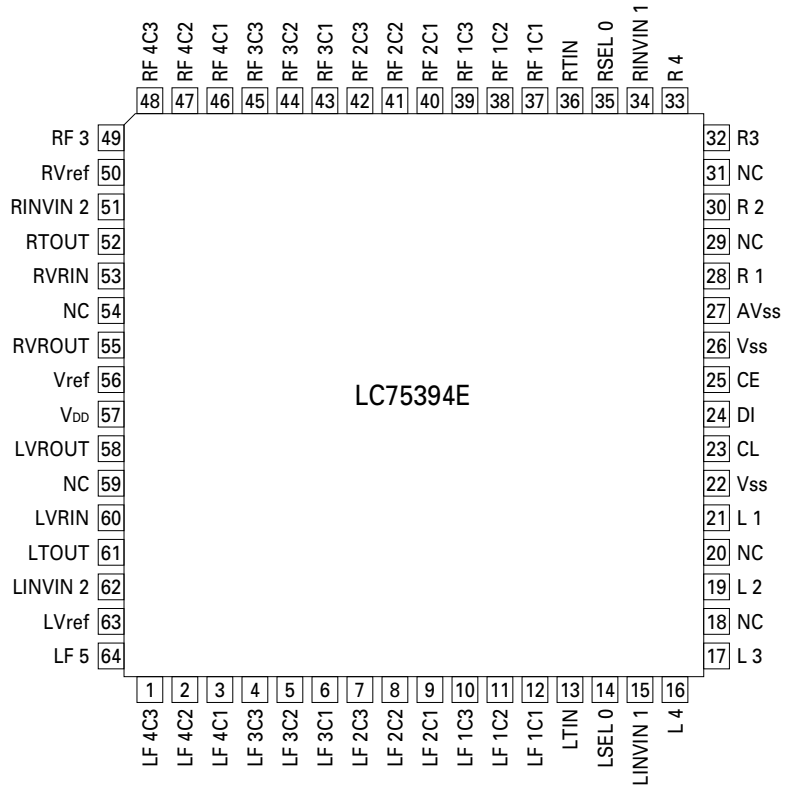
LC75823E : UIC2

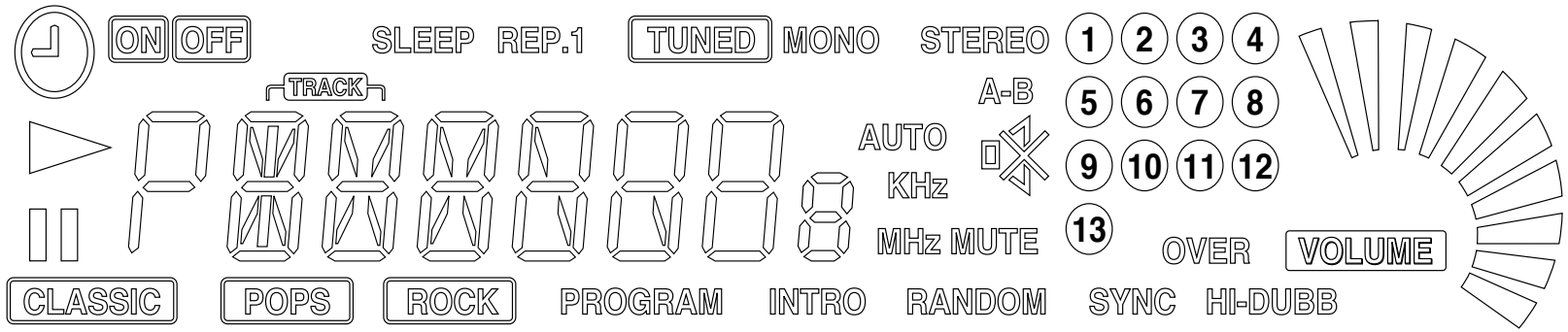


LC72362N : UIC1



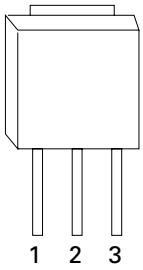
LC75394E : QIC1





	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21
COM 1	com1	/	/		CLASSIC	TRACK	1f	1h	1a	2f	2h	2a	3f	3h	3a	SLEEP	4f	ROCK	4a	5f	5j
COM 2	/	/	com2	ON			1i	1g	1b	2e	2g	2b	3e	3g	3b	1	4e	4g	4b	5e	5g
COM 3	/	com3	/	OFF			1e	1d	1c	POPS	2d	2c	2j	3d	3c	REP	3j	4d	4c	4hj	5d
	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	
COM 1	5a	MONO	6f	P	6a	7f	INTRO	7a	/	AUTO	MUTE	②	①	⑧	⑪	SYNC	S1	VOLUME	S6	S9	
COM 2	5b	/	6e	6g	6b	7e	7g	7b	STEREO	KHz	RANDOM	③	⑥	⑨	⑬	HI-DUBB	S2	S4	S7	S10	
COM 2	5c	TUNED	COL	6d	6c	PROGRAM	7d	7c	/	MHz	⑤	④	⑦	⑩	⑫	OVER	S3	S5	S8	A-B	

9-3-2 CD

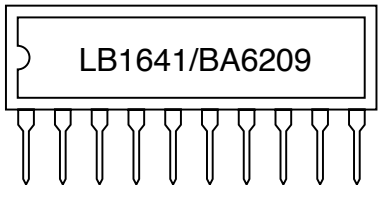


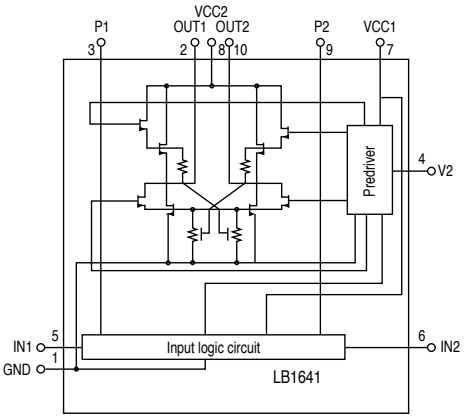
TR	1	2	3
KSR1003 A928	E	C	B

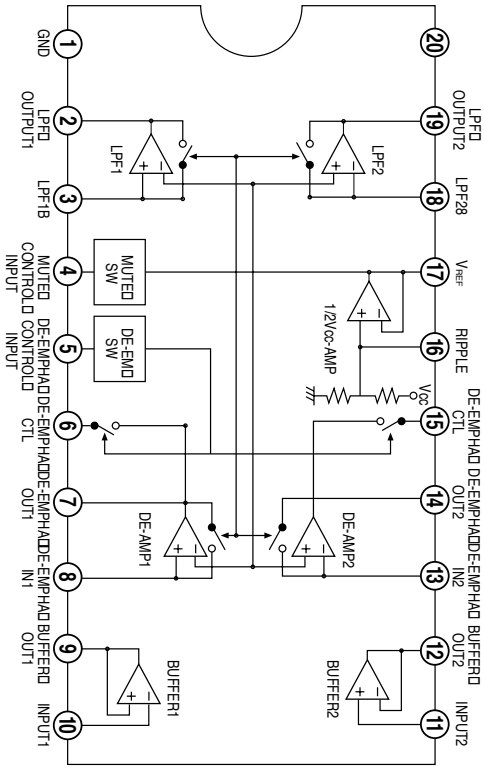
* NOTE : KSB564 = 'EBC' TYPE

KA9270 : NIC9270

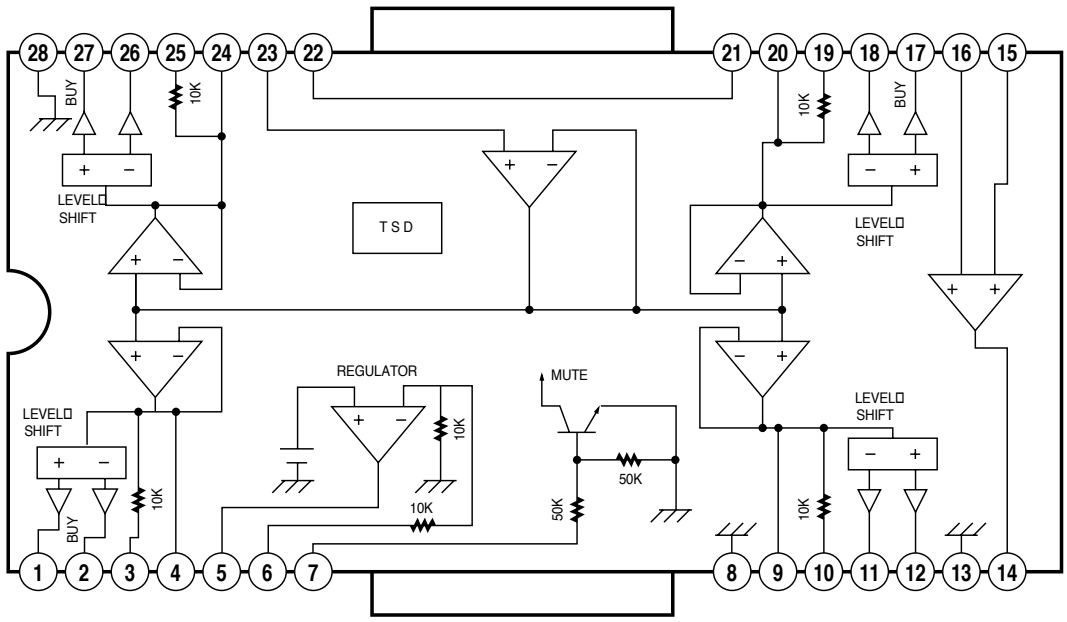
LB1641/BA6209(MOTOR DRIVER) : SIC1,SIC2,SIC3,NIC1641



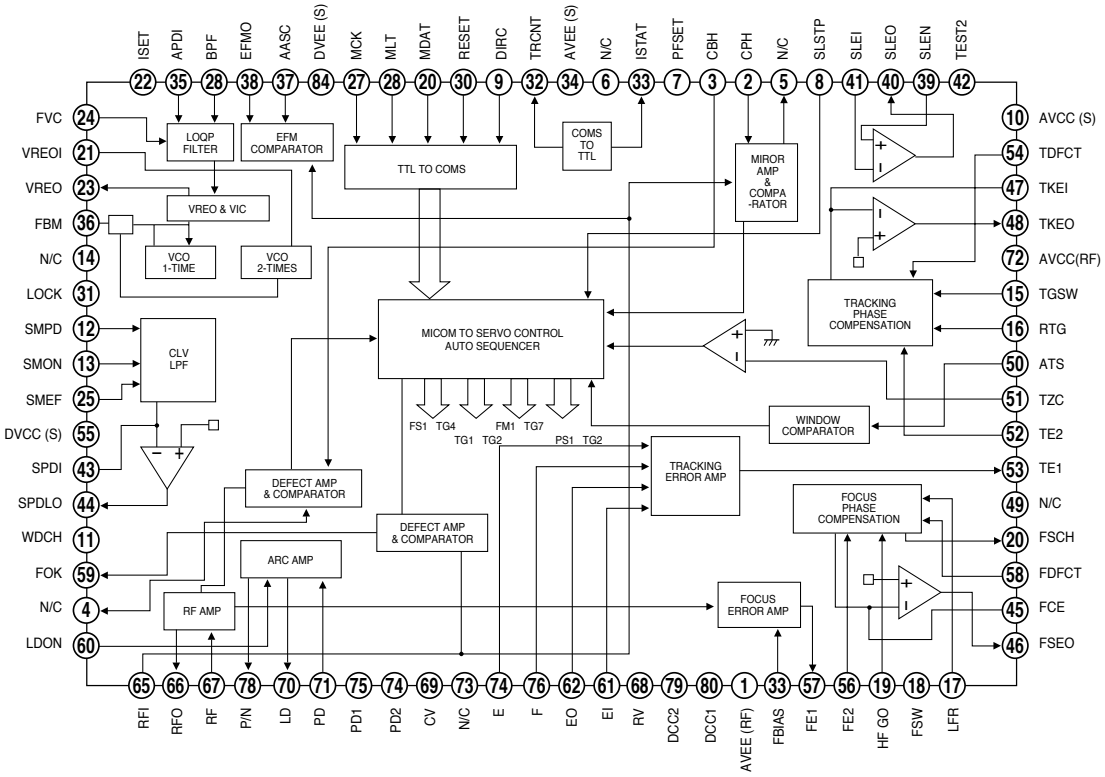




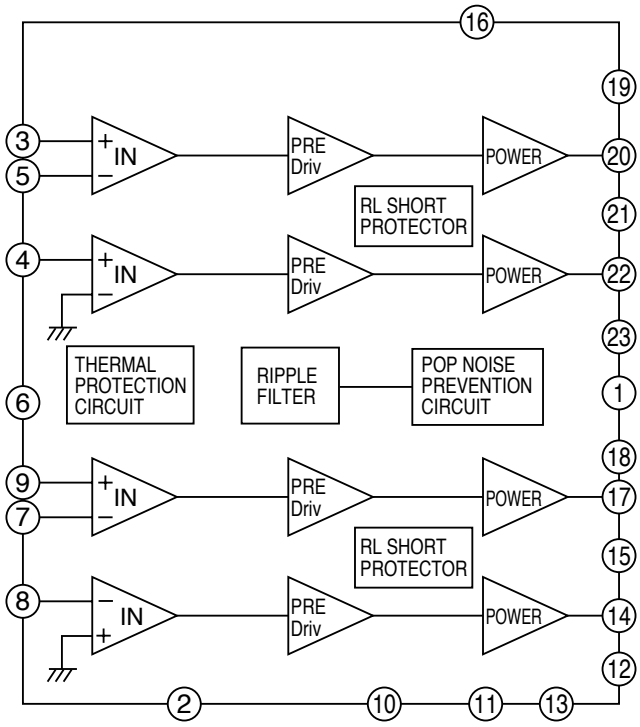
KA9258 : NIC9258



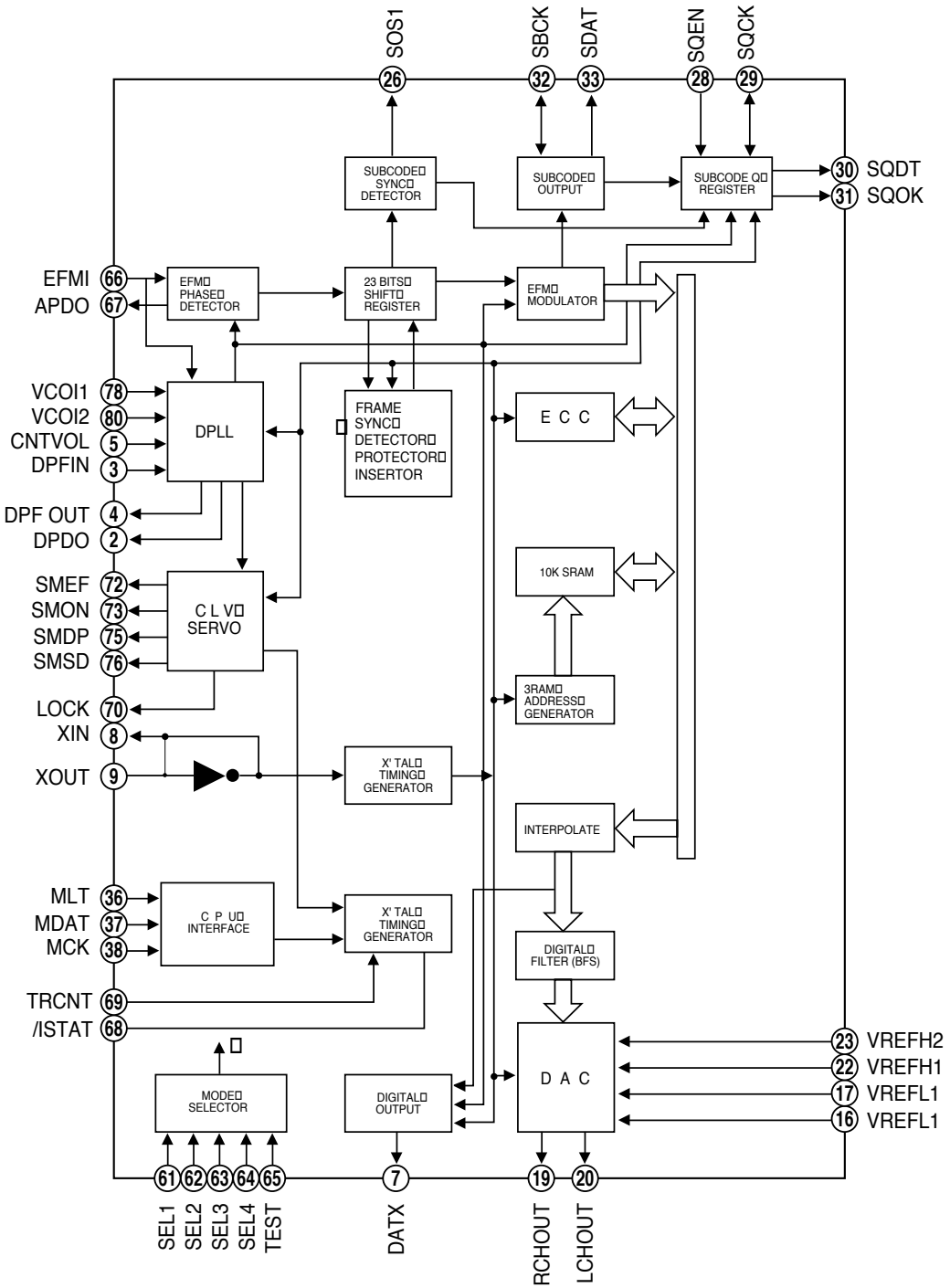
KA9220(ASSP) : NIC9220



LA4620 : AIC1



KS9282(DSP) : NIC9282



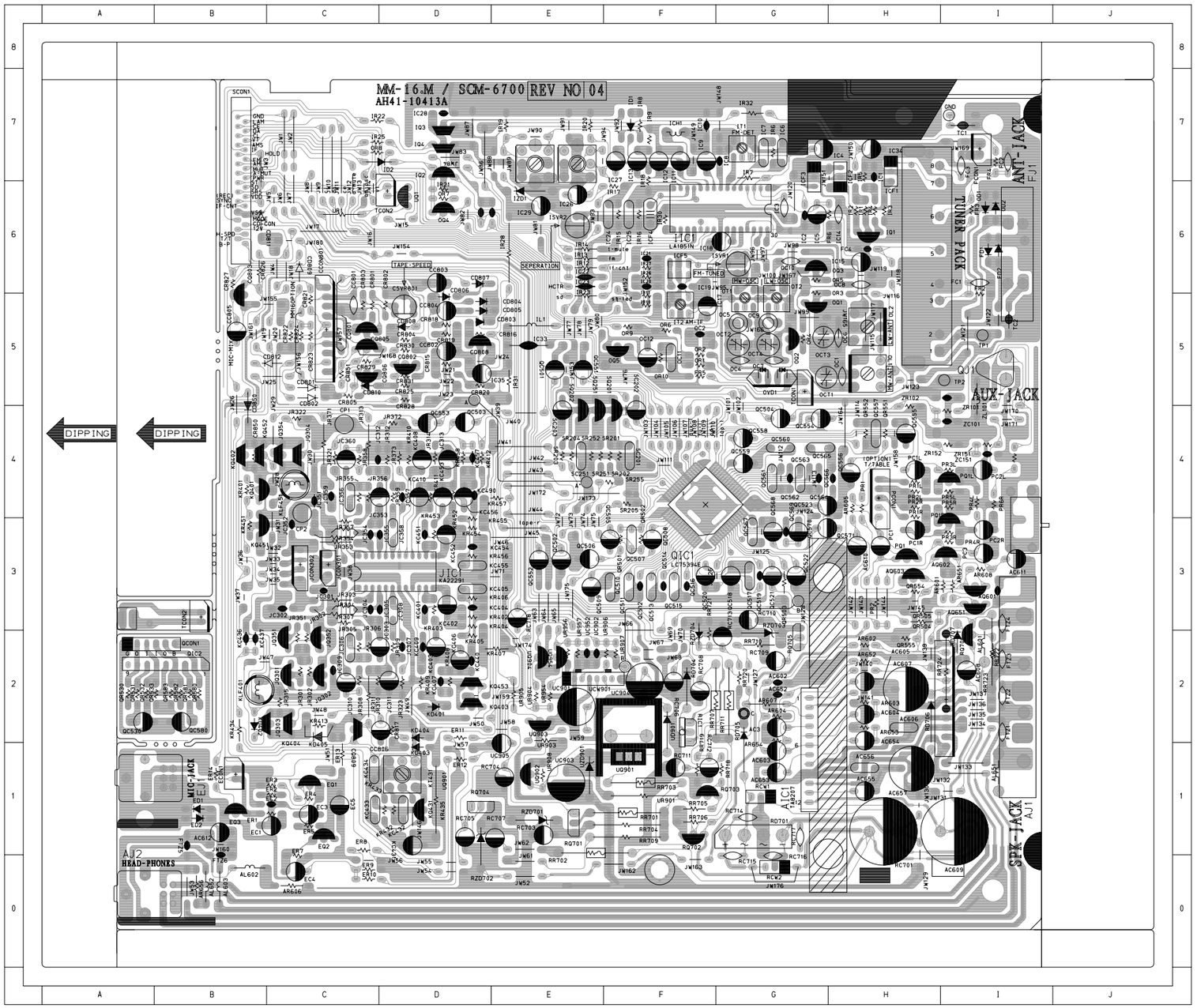
9-4 µ-com (LC72362N-9302) : UIC1

No.	Name	I/O	Functions	Description
1	Xin	I	OSC 4.5MHz	OSC for SYSTEM CLOCK
2	TEST2	I	-	
3	PG3S I/O	I	CLOSE SW	DOOR CLOSE SENSE PORT
4	PG2/SO0	I	LCD CONTROL DATA	LCD CONTROL SIGNAL
5	PG1/SCK	I	LCD CONTROL CLK	LCD CONTROL SIGNAL
6	PG0	I	LCD CONTROL CE	LCD CONTROL SIGNAL
7	PF3/SI1	I	OPEN SW	DOOR OPEN SENSE PORT
8	PF2/SO1	I	VOLUME CONTROL DATA	VOLUME CONTROL SIGNAL
9	PF1/SCK1	I	VOLUME CONTROL CLK	VOLUME CONTROL SIGNAL
10	PFO	I	VOLUME CONTROL CE	VOLUME CONTROL SIGNAL
11	PE3/S12	O	SENSE	SERVO FUNCTION SIGNAL
12	PE2/SO2	I	SQDT	SUBCODE “Q” CHANNEL DATA
13	PE1/SCK2	I	SQCK	CLOCK for “Q” DATA
14	PE0	O	F OK	FOCUS OF SIGNAL
15	PD3	O	MLT	LATCH for MAIN DATA
16	PD2	O	MDATA	MAIN DATA
17	PD1	O	MCK	MAIN CLOCK
18	PD0	O	CLOSE	DOOR CLOSE CONTROL PORT
19	PC3	O	OPEN	DOOR OPEN CONTROL PORT
20	PC2	O	MUTE	CD MUTE CONTROL PORT
21	PC1	O	RESET	IC(SSP IC) RESET PORT
22	PC0	O	LD ON	LASER DIODE ON SIGNAL
23	PB3	O	MOTOR CONTROL	
24	PB2	O	FM MODE	MODE KEY ON/OFF MODE “H”,”L”CONVERSION
25	PB1	O	IF CNT	When SD SIGNAL is L MODE : ACTION
26	PB0	O	HIGH SPEED MOTOR CTL	HIGH SPEED
27	PA3	I	TAPE PLAY	
28	PA2	I	TAPE REC	CD SYNCHRO RECORDING CONTROL
29	PB1	I	LKFS	INDICATE FRAME SYNCHRONIZATION STATUS
30	PO0	I	SOSI	SUBCODE SYNCHRONIZATION SIGNAL
31	Vdd	-		
32	PQ0	I/O		
33	PP3	O		
34	PP2	O		
35	PP1	O		
36	PP0	O	FUNCTION LED(TUNER)	FUNCTION IND LED CONTROL PORT(TUNER)
37	PO3	O	FUNCTION LED(TAPE)	FUNCTION IND LED CONTROL PORT(TAPE)
38	PO2	O	FUNCTION LED(CD)	FUNCTION IND LED CONTROL PORT(CD)
39	PO1	O	CD CONTROL	CD B+ CONTROL
40	PO0	O	FUNCTION LED(PHONO or AUX)	FUNCTION IND LED CONTROL PORT(PHONO of AUX)
41	PN3	O	POWER CONTROL	PORT for TUNER FUNCTION
42	PN2	O	AUDIO MUTE	MUTE for AUDIO
43	PN1	O	TUNER MUTE	MUTE for TUNER FUNCTION
44	PN0/BEEP	O		
45	PM3	I/O		
46	PM2	I/O		
47	PM1	I	OPTION INPUT	PORT for OPTION DATA
48	PM0	I	OPTION INPUT	PORT for OPTION DATA
49	PL3	I	OPTION INPUT	PORT for OPTION DATA

No.	Name	I/O	Functions	Description
50	PL2	O	OPTION INPUT	PORT for OPTION DATA
51	PL1	O	OPTION INPUT	PORT for OPTION DATA
52	PL0	O	OPTION INPUT	PORT for OPTION DATA
53	PK3	I/O	TUNING IND (SD)	TUNING INDICATER ON/OFF
54	PK2	I/O	STEREO IND	STEREO INDICATER ON/OFF
55	PK1/INT1	I/O		
56	PK0/INT0	I	REMOCON	REMOCON SIGNAL INPUT
57	PJ3	O	SRS	
58	PJ2	O	SW	
59	PJ1	O	MW	
60	PJ0	O	FM	
61	PI1/ADI5	I		
62	PI0/ADI4	I	KEY DATA	A/D INPUT (8 KEY)
63	PH3/ADI3	I	KEY DATA	A/D INPUT (8 KEY)
64	PH2/ADI2	I	KEY DATA	A/D INPUT (8 KEY)
65	PH1/ADI1	I	KEY DATA	A/D INPUT (8 KEY)
66	PH0/ADI0	I	KEY DATA	A/D INPUT (8 KEY)
67	$\overline{\text{HOLD}}$	I	POWER OFF SENSE	
68	$\overline{\text{SNS}}$	I	VOLTAGE SENSE	
69	LCTR	I		
70	HCTR	I	FM AM IF INPUT	FM & AM IF FREQUENCY INPUT PORT
71	EO3	O		
72	SUBPD	O		
73	Vdd	-		
74	AMIN	I	AM INPUT	AM OSC INPUT
75	FMIN	I	FM INPUT	FM OSC INPUT
76	Vss	-		
77	EO1	O	TUNER VOLTAGE CONTROL	FM TUNING VOLTAGE
78	EO2	O	TUNER VOLTAGE CONTROL	AM TUNING VOLTAGE
79	TEST1	-	-	-
80	Xout	O	OSC 4.5MHz	OSC for SYSTEM CLOCK

10. PCB Diagrams

10-1 Main



XXX RESISTOR XXX

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AR601 (I3)
AR602 (H2)
AR603 (H2)
AR604 (G2)
AR605 (H3)
AR606 (C0)
AR607 (G2)
AR608 (I3)
AR651 (I3)
AR652 (H2)
AR653 (H2)
AR654 (G2)
AR656 (B0)
CR801 (C5)
CR802 (D5)
CR803 (C5)
CR804 (D5)
CR805 (C5)
CR815 (D5)
CR816 (D5)
CR817 (D2)
CR818 (D5)
CR819 (D5)
CR820 (D5)
CR821 (C5)
CR822 (C5)
CR823 (C5)
CR824 (C5)
CR825 (D5)
CR826 (B6)
CR827 (B5)
CR828 (D5)
CR829 (C5)
CR830 (D5)
CR831 (D5)
CR850 (B4)
CR851 (C5)
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ER10 (C0)
ER11 (D2)
ER12 (D1)
ER13 (C1)
ER14 (B1)
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ER3 (B1)
ER4 (C1)
ER5 (C1)
ER7 (C0)
ER8 (C1)
ER9 (C0)
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FR3 (I6)
FR4 (I7)
FR5 (F5)
FR6 (H6)
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IR17 (E6)
IR18 (F6)
IR19 (E7)
IR2 (H6)
IR20 (E7)
IR21 (D6)
IR22 (C7)
IR23 (E5)
IR25 (C7)
IR26 (F6)
IR27 (F6)
IR28 (E6)
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IR30 (F6)
IR31 (E5)
IR32 (G7)
IR4 (H6)
IR5 (H6)
IR6 (G7)
IR7 (G7)
IR8 (F7)
IR9 (F7)
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JR302 (C2)
JR303 (C3)
JR304 (C3)
JR305 (C2)
JR306 (C2)
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JR311 (C2)
JR312 (D4)
JR313 (C4)
JR314 (D4)
JR315 (C2)
JR321 (C4)
JR322 (C4)
JR323 (D2)
JR351 (C2)
JR352 (C2)
JR353 (C3)
JR354 (C3)
JR355 (C4)
JR356 (C4)
JR357 (C3)
JR358 (C4)
JR359 (D4)
JR371 (C4)
JR372 (D4)
JR373 (D4)
KD405 (C2)
KR401 (B4)
KR402 (D3)
KR403 (D3)
KR404 (D3)
KR405 (D2)
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KR407 (D2)
KR408 (D2)
KR409 (D2)
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KR433 (D1)
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KR451 (B3)
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OR2 (F5)
OR3 (G6)
OR4 (G5)
OR5 (G6)
OR6 (F5)
OR7 (D6)
OR8 (C7)
OR9 (F5)
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PR1R (H4)
PR2 (H3)
PR2L (H4)
PR2R (H4)
PR3L (I4)
PR3R (I3)
PR4L (I4)
PR4R (H3)
PR5L (H4)
PR5R (H4)
PR6R (I4)
QR501 (F3)
QR502 (F3)
QR503 (G3)
QR504 (H3)
QR505 (H3)
QR530 (A2)
QR531 (A2)
QR532 (A2)
QR533 (B2)
QR551 (H4)
QR552 (H4)
QR554 (H3)
QR555 (H2)
QR580 (B2)
QR581 (B2)
QR582 (B2)
QR583 (B2)
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RR702 (E1)
RR703 (F1)
RR704 (E1)
RR705 (F1)
RR706 (F1)
RR707 (G2)
RR709 (E1)
RR710 (G2)
RR711 (G2)
RR718 (G1)
RR719 (F1)
RR720 (G2)
RR721 (F2)
RR722 (I2)
RR723 (I2)
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SR202 (F4)
SR203 (E4)
SR204 (E4)
SR205 (F4)
SR251 (E4)
SR252 (E4)
SR255 (E4)
UR1 (C6)
UR901 (F1)
UR903 (E2)
UR904 (E2)
UR905 (E2)
UR906 (F2)
UR907 (F2)
UR908 (E1)
UR954 (E2)
UR956 (E2)
UR957 (E2)
ZR101 (H4)
ZR102 (H4)
ZR151 (I4)
ZR152 (H4)

XXX CONDENSER XXX

AC3 (G2)
AC602 (G2)
AC603 (G1)
AC604 (H2)
AC605 (H2)
AC606 (H2)
AC607 (H2)
AC608 (I2)
AC609 (I1)
AC610 (H3)
AC611 (I3)
AC612 (B1)
AC652 (G2)
AC653 (G1)
AC654 (H2)
AC655 (H1)
AC656 (H1)
AC657 (H1)
CC801 (C5)
CC802 (D5)
CC803 (D6)
CC804 (D5)
CC805 (B5)
CC806 (D2)
EC1 (B1)
EC2 (B1)
EC3 (C1)
EC4 (C0)
EC5 (C1)
FC1 (I6)
FC2 (I7)
FC3 (I7)
FC4 (H6)
FTZ1 (I2)
FTZ2 (I2)
FTZ3 (I2)
FTZ4 (I2)
FTZ5 (B1)
FTZ6 (B1)
IC1 (H6)
IC10 (F7)
IC11 (F7)
IC12 (F7)
IC13 (F7)
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OC8 (H6)
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PC1L (H4)
PC1R (H3)
PC2L (I4)
PC2R (I3)
PC3 (I3)
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QC503 (D4)
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QC571 (G3)
QC580 (B2)
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RC703 (E1)
RC704 (E1)
RC705 (D1)
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RC708 (F2)
RC709 (G2)
RC710 (G3)
RC711 (F1)
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RC713 (G2)
RC714 (G1)
RC715 (G0)
RC716 (G0)
RC717 (G1)
RC718 (E3)
SC201 (F4)
SC202 (F5)
SC203 (E5)
SC251 (E4)
UC901 (E2)
UC902 (E2)
UC903 (E1)
UC904 (F2)
UC905 (E1)
UC952 (E2)
ZC101 (H4)
ZC151 (I4)

XXX DIODE XXX

CD801 (C5)
CD802 (C5)
CD803 (E5)
CD809 (C6)
CD811 (B6)
CD812 (B5)
ID1 (F7)
ID2 (D7)
IZD1 (E6)
RD704 (F2)
RD705 (G2)
RD706 (H2)
RD707 (I3)
RZD701 (E1)
RZD702 (D1)
RZD703 (G2)
RZD704 (F2)
UD901 (F2)
UZD901 (E1)

XXX TR XXX

AQ601 (I3)
AQ602 (H3)
AQ603 (H3)
AQ651 (I3)
CQ801 (C5)
CQ802 (D5)
CQ803 (B5)
CQ805 (C5)
CQ806 (C5)
CQ808 (D5)
CQ809 (C2)
EQ1 (C1)
EQ2 (C1)
EQ3 (B1)
IQ1 (H6)
IQ2 (D7)
IQ3 (D7)
IQ4 (D7)
JQ301 (C2)
JQ302 (C2)
JQ303 (C2)
JQ304 (C4)
JQ351 (C2)
JQ352 (C2)
JQ354 (C4)
KQ401 (B4)
KQ402 (B4)
KQ403 (D2)
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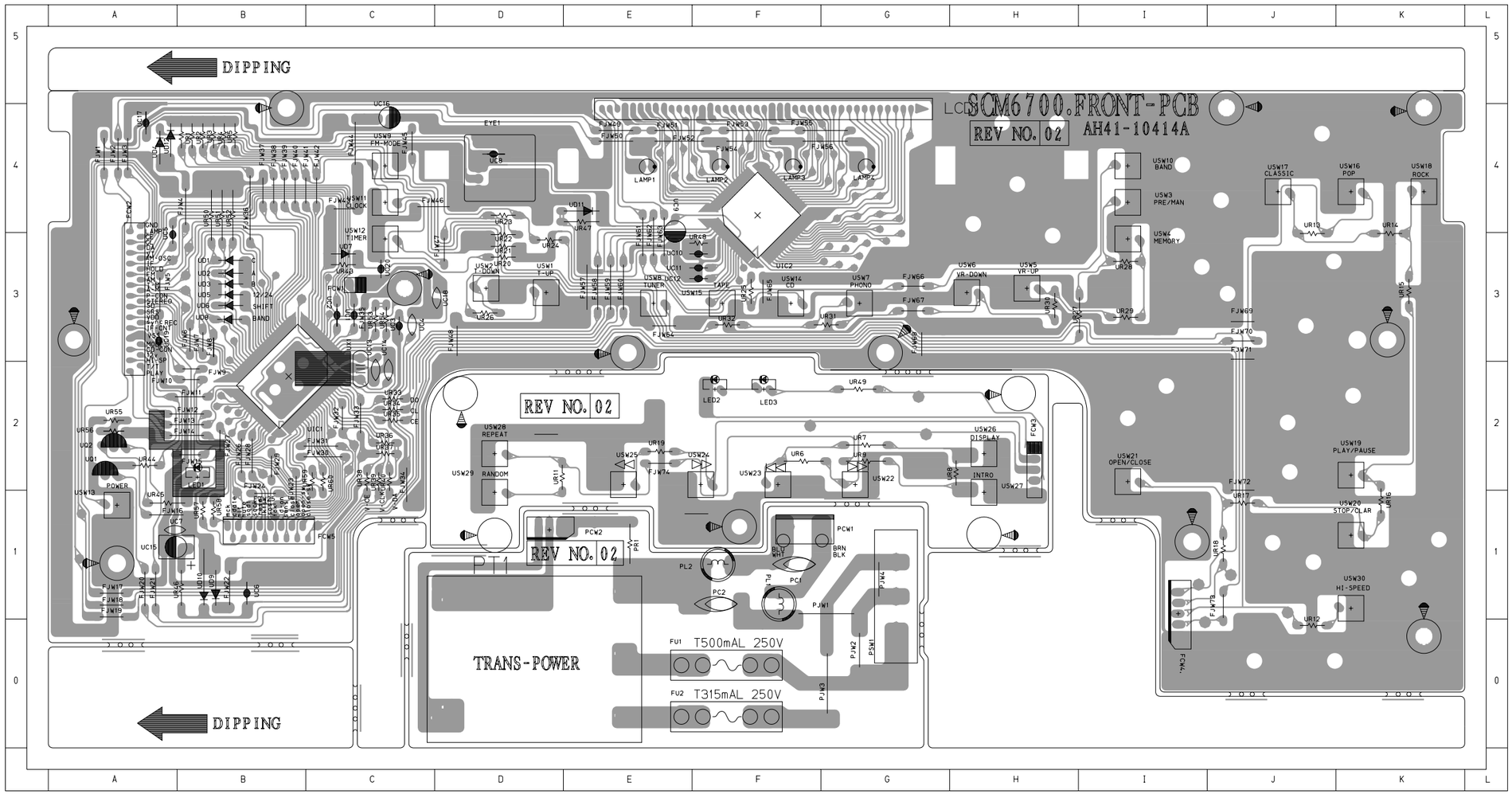
KQ431 (D1)
KQ451 (B4)
KQ452 (B4)
KQ453 (D2)
OQ1 (G5)
OQ2 (G5)
OQ3 (G6)
OQ4 (D6)
OQ5 (F5)
PQ1 (H3)
PQ1L (H4)
PQ1R (H3)
RQ702 (F1)
RQ703 (F1)
RQ705 (G2)
RQ706 (I2)
SQ201 (F5)
SQ202 (E5)
SQ251 (E5)
UQ902 (E1)
UQ903 (E2)
UQ904 (E2)
UQ954 (E2)

XXX IC&WAFER XXX

CCON801 (C5)
ECON1 (B1)
FCON1 (I7)
ICF1 (H7)
ICF2 (H7)
ICF3 (G7)
ICF5 (F6)
JCON301 (C3)
JCON302 (C3)
PCON1 (H4)
QCON1 (A2)
RCW1 (G1)
RCW2 (G0)
TCON1 (G5)
TCON2 (B3)
TCON2 (D6)
UCW901 (E2)

10-2 Front



*** RESISTOR ***

PR1 (E1)
UR1 (B4)
UR11 (D1)
UR12 (J0)
UR13 (J3)
UR14 (K3)
UR15 (K3)
UR16 (K1)
UR17 (J1)
UR18 (J1)
UR19 (E2)
UR2 (B4)
UR20 (D3)
UR21 (D3)
UR22 (D3)
UR23 (D4)
UR24 (D3)
UR25 (F3)
UR26 (D3)
UR27 (I3)
UR28 (I3)
UR29 (I3)
UR3 (B4)
UR30 (H3)
UR31 (F3)
UR32 (F3)
UR33 (C2)
UR34 (C2)
UR35 (C2)
UR36 (C2)
UR37 (C2)
UR38 (C1)
UR39 (C1)
UR4 (B4)
UR40 (C1)
UR43 (C3)
UR44 (A2)
UR45 (A1)
UR46 (B1)
UR47 (D4)
UR48 (E3)
UR49 (G2)
UR5 (B4)
UR50 (B3)
UR51 (B3)
UR52 (B3)
UR53 (C3)
UR54 (C3)
UR55 (A2)
UR56 (A2)
UR57 (B1)
UR58 (B1)
UR59 (C1)
UR6 (F2)
UR60 (C1)
UR7 (G2)
UR8 (H2)
UR9 (G2)

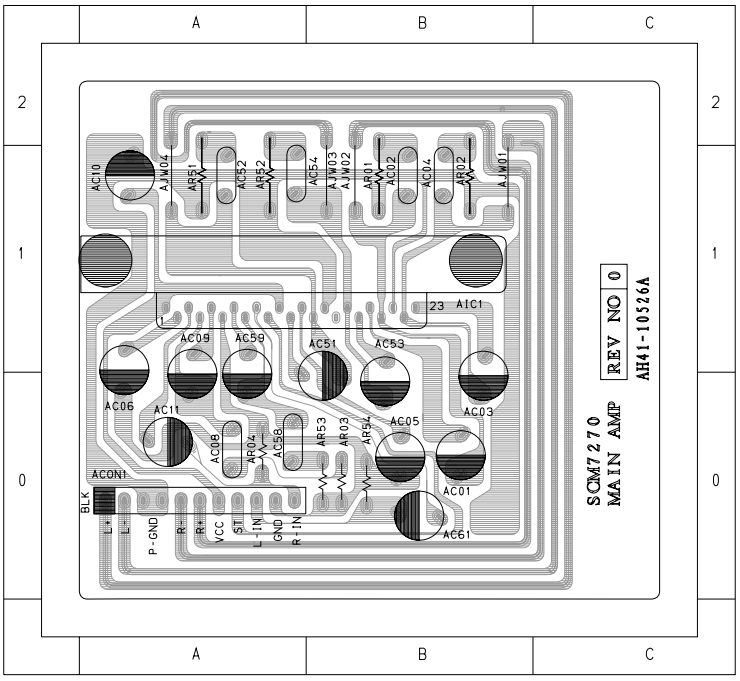
*** CONDENSER ***

UC1 (C3)
UC10 (E3)
UC11 (E3)
UC12 (E3)
UC13 (C2)
UC14 (C2)
UC15 (B1)
UC16 (C4)
UC17 (A4)
UC18 (D3)
UC19 (A3)
UC2 (C3)
UC20 (C3)
UC3 (C3)
UC4 (C3)
UC5 (A3)
UC6 (B1)
UC7 (A1)
UC8 (D4)
UC9 (E4)

*** DIODE ***

UD1 (B3)
UD10 (B1)
UD11 (E4)
UD12 (A4)
UD2 (B3)
UD3 (B3)
UD4 (A4)
UD5 (B3)
UD6 (B3)
UD7 (C3)
UD8 (B3)
UD9 (B1)

10-3 Power



*** RESISTOR ***

AR01 (B1)
AR02 (B1)
AR03 (B0)
AR04 (A0)
AR51 (A1)
AR52 (A1)
AR53 (B0)
AR54 (B0)

*** CONDENSER ***

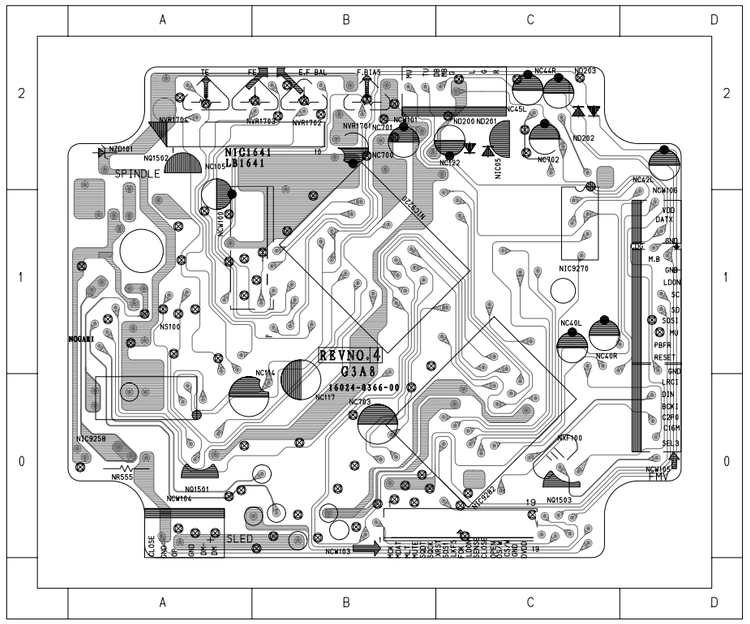
AC01 (B0)
AC02 (B1)
AC03 (B1)
AC04 (B1)
AC05 (B0)
AC06 (A1)
AC08 (A0)
AC09 (A1)
AC10 (A1)
AC11 (A0)
AC51 (A0)
AC52 (A1)
AC53 (B1)
AC54 (A1)
AC58 (A0)
AC59 (A1)
AC61 (B0)

*** IC&WAFER ***

ACON1 (A0)

10-4 CD

10-4-1 Top View



*** RESISTOR ***

NR555 (A0)

*** CONDENSER ***

NC105 (A1)
NC114 (A0)
NC117 (B0)
NC122 (C2)
NC40L (C1)
NC40R (C1)
NC42L (D2)
NC44R (C2)
NC45L (C2)
NC700 (B2)
NC701 (B2)
NC702 (C2)
NC703 (B0)

*** DIODE ***

ND200 (C2)
ND201 (C2)
ND202 (C2)
ND203 (C2)
NZD101 (A2)

*** TR ***

NIC05 (C2)
NQ1501 (A0)
NQ1502 (A2)
NQ1503 (C0)

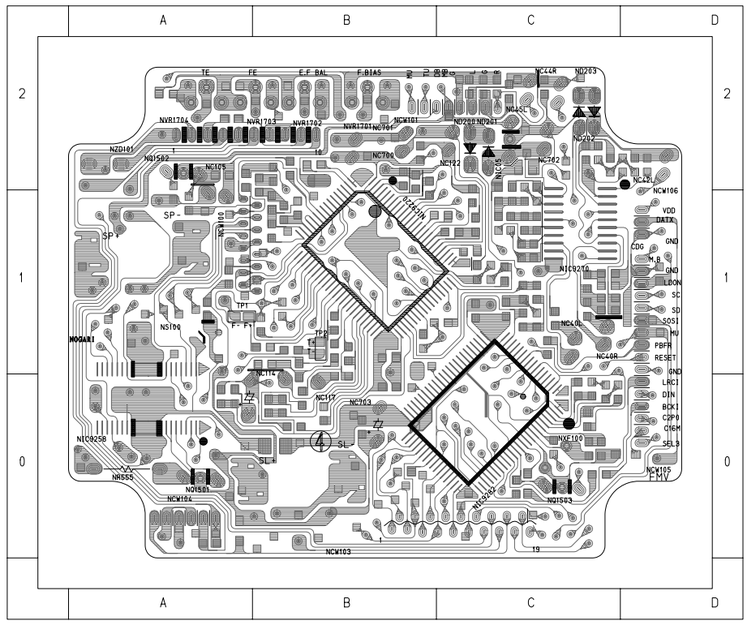
*** IC&WAFER ***

NCW101 (C2)
NCW104 (A0)
NCW105 (D1)
NCW106 (D1)

*** CHIP ***

103 (C0)	NC201 (C0)	NR103 (B1)	NR41L (C1)
103 (B0)	NC202 (C0)	NR104 (B1)	NR41R (C1)
NC100 (B1)	NC203 (C0)	NR105 (B0)	NR42L (C1)
NC1000 (C1)	NC204 (C1)	NR106 (B0)	NR42R (C1)
NC1001 (C1)	NC205 (C1)	NR107 (B0)	NR43L (C1)
NC101 (B2)	NC400 (C2)	NR108 (B0)	NR43R (C1)
NC102 (B2)	NC41L (C1)	NR109 (B1)	NR44L (C1)
NC103 (B2)	NC41R (C1)	NR110 (B0)	NR44R (C2)
NC104 (A2)	NC42R (C2)	NR111 (A0)	NR45L (C1)
NC107 (B1)	NC43L (C1)	NR112 (B0)	NR45R (C2)
NC108 (B1)	NC43R (D2)	NR113 (C1)	NR46L (C1)
NC109 (A2)	NC44L (C1)	NR114 (B1)	NR46R (D2)
NC110 (A2)	NC45R (C2)	NR115 (C1)	NR47L (C2)
NC111 (B1)	NC46L (C2)	NR116 (B2)	NR47R (C2)
NC112 (B1)	NC500 (A2)	NR117 (B2)	NR601 (C0)
NC113 (B1)	NC600 (D1)	NR118 (A2)	NR602 (C0)
NC115 (A0)	NC601 (B1)	NR119 (C1)	NR603 (C0)
NC116 (B1)	NC602 (C2)	NR190 (B2)	NR604 (C1)
NC118 (B0)	NC603 (A0)	NR191 (B1)	NR605 (A1)
NC119 (C1)	NIC9220 (B1)	NR200 (C0)	NR606 (B2)
NC120 (C1)	NIC9258 (A0)	NR201 (C0)	NR607 (D0)
NC121 (C1)	NIC9270 (C1)	NR202 (C0)	NR608 (C1)
NC124 (C1)	NIC9282 (C0)	NR203 (C1)	NR609 (C2)
NC125 (C1)	NL100 (B0)	NR204 (C1)	NR610 (A1)
NC190 (B2)	NR100 (B1)	NR205 (C1)	NR611 (D2)
NC200 (C0)	NR101 (A1)	NR40L (C1)	NR612 (B0)
NC2000 (B1)	NR102 (A1)	NR40R (C1)	NR613 (A0)
			NRD (C1)

10-4-2 Bottom View



*** RESISTOR ***

NR555 (A0)

*** CONDENSER ***

NC105 (A1)
NC114 (A0)
NC117 (B0)
NC122 (C2)
NC40L (C1)
NC40R (C1)
NC42L (D2)
NC44R (C2)
NC45L (C2)
NC700 (B2)
NC701 (B2)
NC702 (C2)
NC703 (B0)

*** DIODE ***

ND200 (C2)
ND201 (C2)
ND202 (C2)
ND203 (C2)
NZD101 (A2)

*** TR ***

NIC05 (C2)
NQ1501 (A0)
NQ1502 (A2)
NQ1503 (C0)

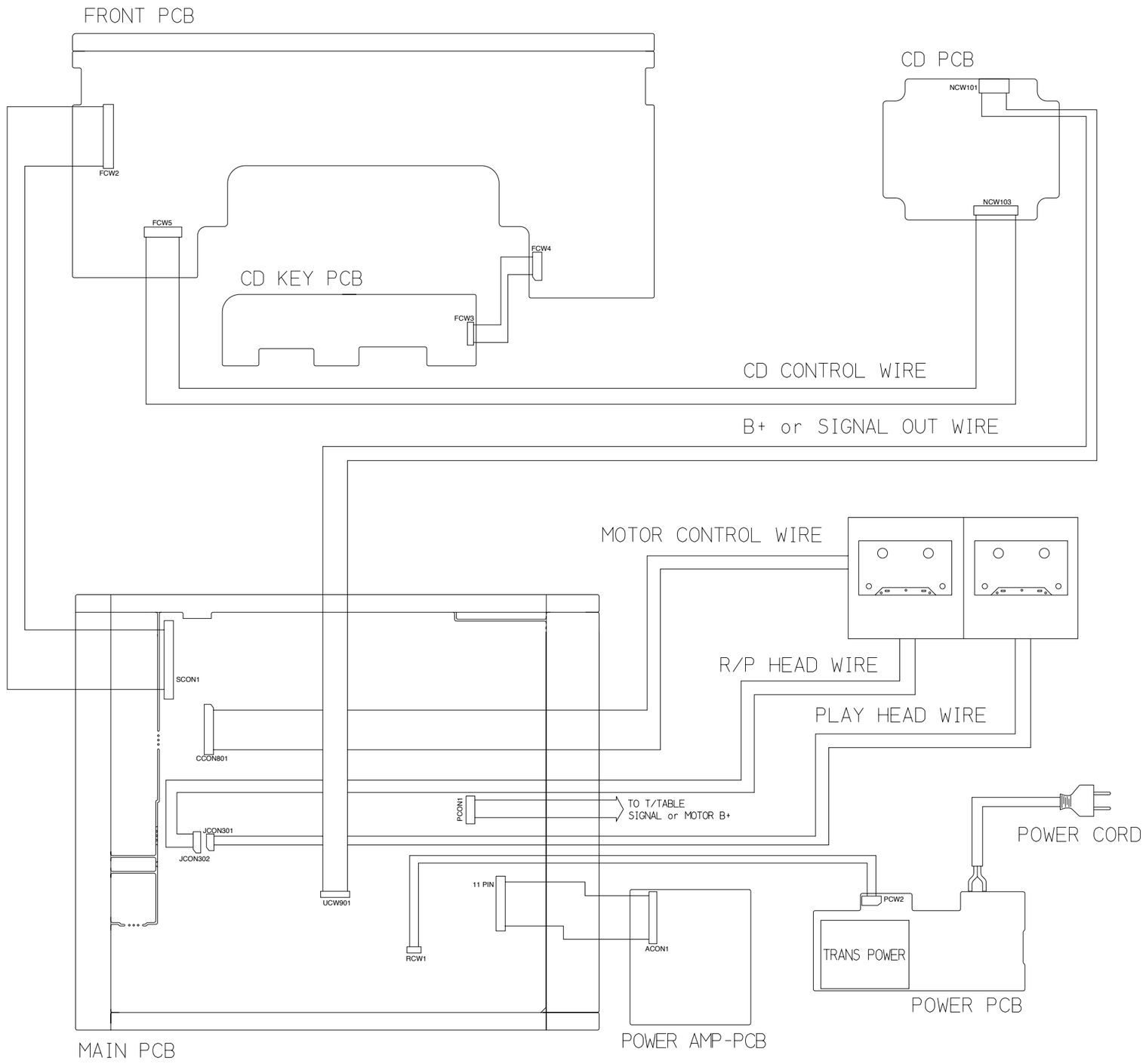
*** IC&WAFER ***

NCW101 (C2)
NCW104 (A0)
NCW105 (D1)
NCW106 (D1)

*** CHIP ***

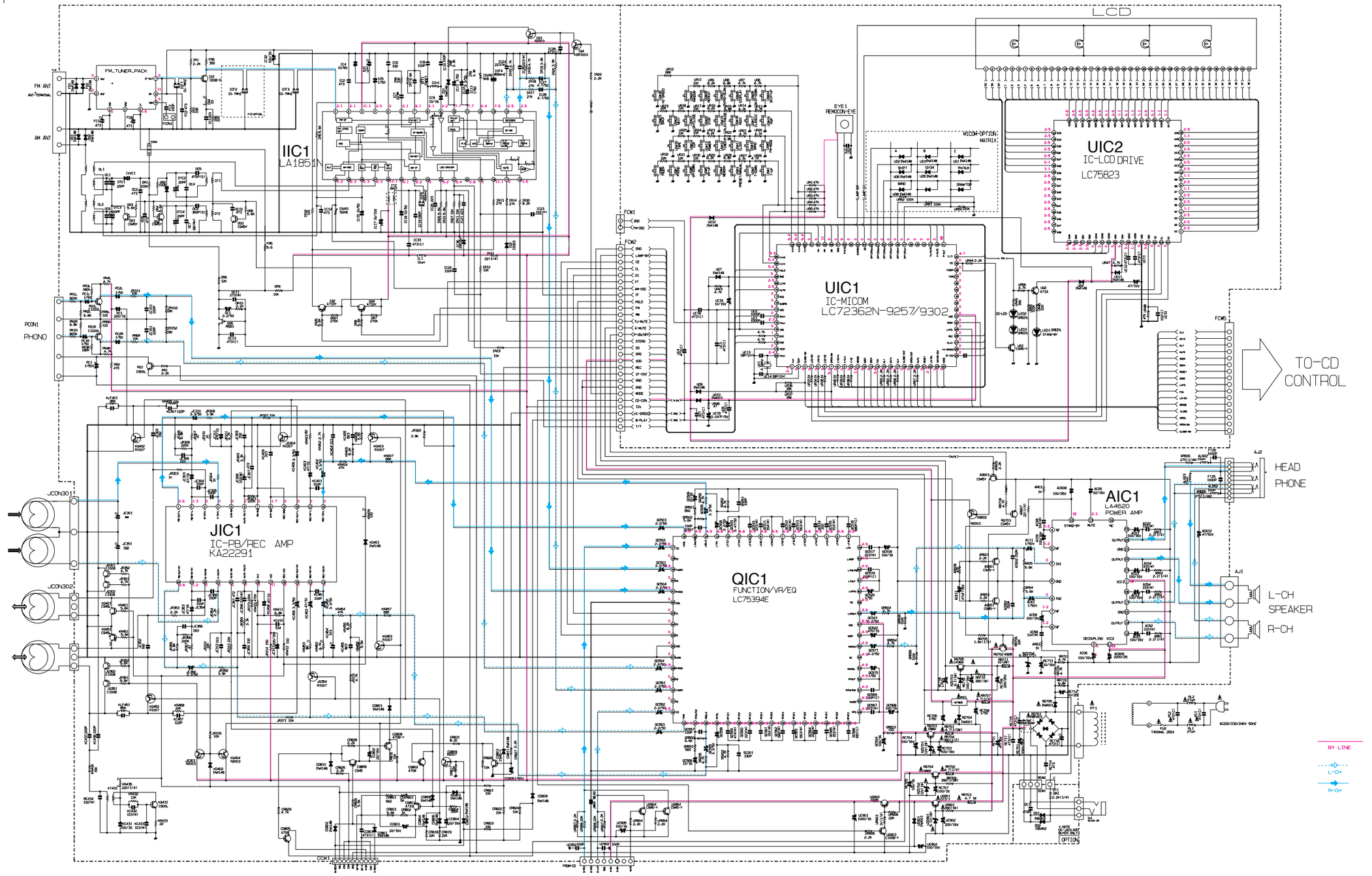
103 (C0)	NC201 (C0)	NR103 (B1)	NR41L (C1)
103 (B0)	NC202 (C0)	NR104 (B1)	NR41R (C1)
NC100 (B1)	NC203 (C0)	NR105 (B0)	NR42L (C1)
NC1000 (C1)	NC204 (C1)	NR106 (B0)	NR42R (C1)
NC1001 (C1)	NC205 (C1)	NR107 (B0)	NR43L (C1)
NC101 (B2)	NC400 (C2)	NR108 (B0)	NR43R (C1)
NC102 (B2)	NC41L (C1)	NR109 (B1)	NR44L (C1)
NC103 (B2)	NC41R (C1)	NR110 (B0)	NR44R (C2)
NC104 (A2)	NC42R (C2)	NR111 (A0)	NR45L (C1)
NC107 (B1)	NC43L (C1)	NR112 (B0)	NR45R (C2)
NC108 (B1)	NC43R (D2)	NR113 (C1)	NR46L (C1)
NC109 (A2)	NC44L (C1)	NR114 (B1)	NR46R (D2)
NC110 (A2)	NC45R (C2)	NR115 (C1)	NR47L (C2)
NC111 (B1)	NC46L (C2)	NR116 (B2)	NR47R (C2)
NC112 (B1)	NC500 (A2)	NR117 (B2)	NR601 (C0)
NC113 (B1)	NC600 (D1)	NR118 (A2)	NR602 (C0)
NC115 (A0)	NC601 (B1)	NR119 (C1)	NR603 (C0)
NC116 (B1)	NC602 (C2)	NR190 (B2)	NR604 (C1)
NC118 (B0)	NC603 (A0)	NR191 (B1)	NR605 (A1)
NC119 (C1)	NIC9220 (B1)	NR200 (C0)	NR606 (B2)
NC120 (C1)	NIC9258 (A0)	NR201 (C0)	NR607 (D0)
NC121 (C1)	NIC9270 (C1)	NR202 (C0)	NR608 (C1)
NC124 (C1)	NIC9282 (C0)	NR203 (C1)	NR609 (C2)
NC125 (C1)	NL100 (B0)	NR204 (C1)	NR610 (A1)
NC190 (B2)	NR100 (B1)	NR205 (C1)	NR611 (D2)
NC200 (C0)	NR101 (A1)	NR40L (C1)	NR612 (B0)
NC2000 (B1)	NR102 (A1)	NR40R (C1)	NR613 (A0)
			NRD (C1)

11. Wiring Diagram

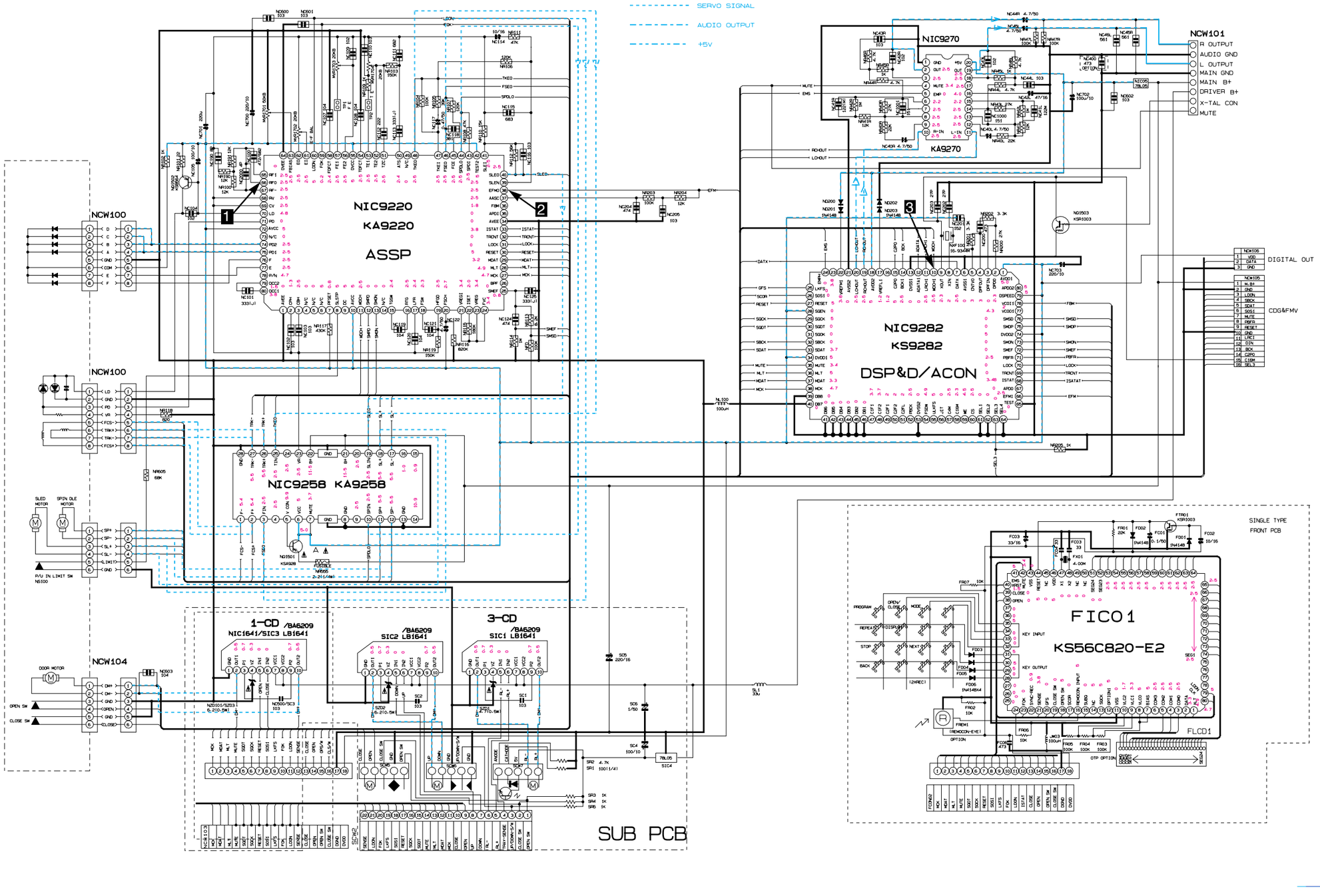


12. Schematic Diagrams

12-1 Main



12-2 CD


SERVO SIGNAL
AUDIO OUTPUT
+5V
NIC9220
KA9220
ASSP
NIC9270
KA9270
NIC9282
KS9282
DSP&D/ACON
NIC9258 KA9258
1-CD /BA6209
NIC1641/SIC3 LB1641
/BA6209
SIC2 LB1641
3-CD
/BA6209
SIC1 LB1641
SUB PCB
FICO1
KS56C820-E2
FLCD1
SINGLE TYPE
FRONT PCB
NCW100
NCW101
NCW104
NCW105
NCW106
R OUTPUT
AUDIO GND
L OUTPUT
MAIN GND
MAIN B+
DRIVER B+
X-TAL CON
MUTE
DIGITAL OUT
CDG&FMV
SLED MOTOR
SPIN DLE MOTOR
DOOR MOTOR
OPEN SW
CLOSE SW
P/U IN LIMIT SW
1
2
3